

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: WELL LOG ☒ ELECTRIC LOGS ☒ WATER SANDS ☐ LOCATION INSPECTED ☐ SUB. REPORT/abd.

890007 Chg. of op. name eff. 6/89: 971027 Enserch to Inland eff. 8-16-97:
 941207 Oper Name Chg. fr. P.O.W. to Dallen eff. 10-1-94
 900213 Dallen to Enserch eff. 1-1-96 merger: 991228 CBL Rec!

DATE FILED 9-18-81
 LAND: FEE & PATENTED STATE LEASE NO. PUBLIC LEASE NO. U-10760 INDIAN
 DRILLING APPROVED: 10-21-81
 SPUDDED IN: 7-07-82
 COMPLETED: 11-30-82 P.O.W. PUT TO PRODUCING: 12-1-82
 INITIAL PRODUCTION: 47 BOPD, 15 MCF
 GRAVITY A.P.I.
 GOR:
 PRODUCING ZONES: 4097-5456
 TOTAL DEPTH: 5967
 WELL ELEVATION: 5117
 DATE ABANDONED:
 FIELD: Monument Butte
 UNIT:
 COUNTY: Duchesne
 WELL NO. Federal NGC #21-15 API# 43-013-30614
 LOCATION 660' FT. FROM (N) ☒ LINE. 1981' FT. FROM ☒ (W) LINE. NE NW 1/4 - 1/4 SEC. 15

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
				9S	17E	15	Enserch Explor. Inc. Inland Production Co. Dallen Resources Oil & Gas

QUATERNARY	Star Point	Chinle	Molas
Alluvium	Wahweap	Shinarump	Manning Canyon
Lake beds	Masuk	Moenkopi	Mississippian
Pleistocene	Colorado	Sinbad	Humbug
Lake beds	Sego	PERMIAN	Brazer
TERTIARY	Buck Tongue	Kaibab	Pilot Shale
Pliocene	Castlegate	Coconino	Madison
Salt Lake	Mancos	Cutler	Leadville
Oligocene	Upper	Hoskinnini	Redwall
Norwood	Middle	DeChelly	DEVONIAN
Eocene	Lower	White Rim	Upper
Duchesne River	Emery	Organ Rock	Middle
Uinta	Blue Gate	Cedar Mesa	Lower
Bridger	Ferron	Halgaite Tongue	Ouray
Green River	Frontier	Phosphoria	Elbert
OIL SHALE 1320	Dakota	Park City	McCracken
DELTA 1992	Burro Canyon	Rico (Goodridge)	Aneth
GREEN SHALE 3008	Cedar Mountain	Supai	Simonson Dolomite
BACK SHALE 4050	Buckhorn	Wolfcamp	Sevy Dolomite
GREEN RIVER 5203	JURASSIC	CARBON I FEROUS	North Point
5657	Morrison	Pennsylvanian	SILURIAN
5843	Salt Wash	Oquirrh	Laketown Dolomite
Wasatch	San Rafael Gr.	Weber	ORDOVICIAN
Stone Cabin	Summerville	Morgan	Eureka Quartzite
Colton	Bluff Sandstone	Hermosa	Pogonip Limestone
Flagstaff	Curtis		CAMBRIAN
North Horn	Entrada	Pardox	Lynch
Almy	Moab Tongue	Ismay	Bowman
Paleocene	Carmel	Desert Creek	Tapeats
Current Creek	Glen Canyon Gr.	Akah	Ophir
North Horn	Navajo	Barker Creek	Tintic
CRETACEOUS	Kayenta		PRE - CAMBRIAN
Montana	Wingate	Cane Creek	
Mesaverde	TRIASSIC		
Price River			
Blackhawk			

**NATURAL GAS CORPORATION
OF CALIFORNIA**

85 South 200 East
Vernal, Utah 84078
(801) 789-4573

September 18, 1981

RECEIVED
SEP 24 1981

Mr. E. W. Guynn
Geological Survey-Conservation Div.
2000 Administration Bldg.
1745 West 1700 South
Salt Lake City, UT 84104

DIVISION OF
OIL, GAS & MINING

Mr. Michael T. Minder
Division of Oil, Gas & Mining
1588 West North Temple
Salt Lake City, UT 84116

Re: NGC #21-15 Federal
Section 15, T9S, R17E
Duchesne County, Utah
Pleasant Valley Prospect

Gentlemen:

Natural Gas Corporation of California proposes to drill the above captioned well in Duchesne County, Utah.

Enclosed are the following documents:

- (1) Application for Permit to Drill
- (2) Surveyor's Plat
- (3) 10 Point Drilling Plan
- (4) 13 Point Surface Use Plan
- (5) Rig Layout
- (6) Vicinity Map "A" and "B"

Should you require additional information, please contact this office.

Yours truly,

Wm Ryan

William A. Ryan
Petroleum Engineer

/kh

Encls.

cc: Operations
C. T. Clark
E. R. Henry

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. U-10760
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR Natural Gas Corporation of California			7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR 85 South 200 East, Vernal, UT 84078 Telephone 801-789-4573			8. FARM OR LEASE NAME Federal
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 1981' FWL, 660' FNL, Section 15, T9S, R17E At proposed prod. zone NENW			9. WELL NO. NGC #21-15
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*			10. FIELD AND POOL, OR WILDCAT Pleasant Valley monument Butte
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 660			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 15, T9S, R17E
16. NO. OF ACRES IN LEASE 840			12. COUNTY OR PARISH Duchesne
17. NO. OF ACRES ASSIGNED TO THIS WELL 40			13. STATE Utah
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 5950'			20. ROTARY OR CABLE TOOLS Rotary
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5197' GR			22. APPROX. DATE WORK WILL START* December 1, 1981

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4	9-5/8	36#, K55, New	500	To surface
7-7/8	5-1/2	17#, N80, New	TD	As Required

Operator proposes to drill a 5950' well to test for oil in the Green River Formation. For additional details please see the attached 13 Point and 10 Point Plan.

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MININGDATE: 10/21/81
BY: LB Fugate

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Wm Ryan TITLE Petroleum Engineer DATE 9/18/81
William A. Ryan
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

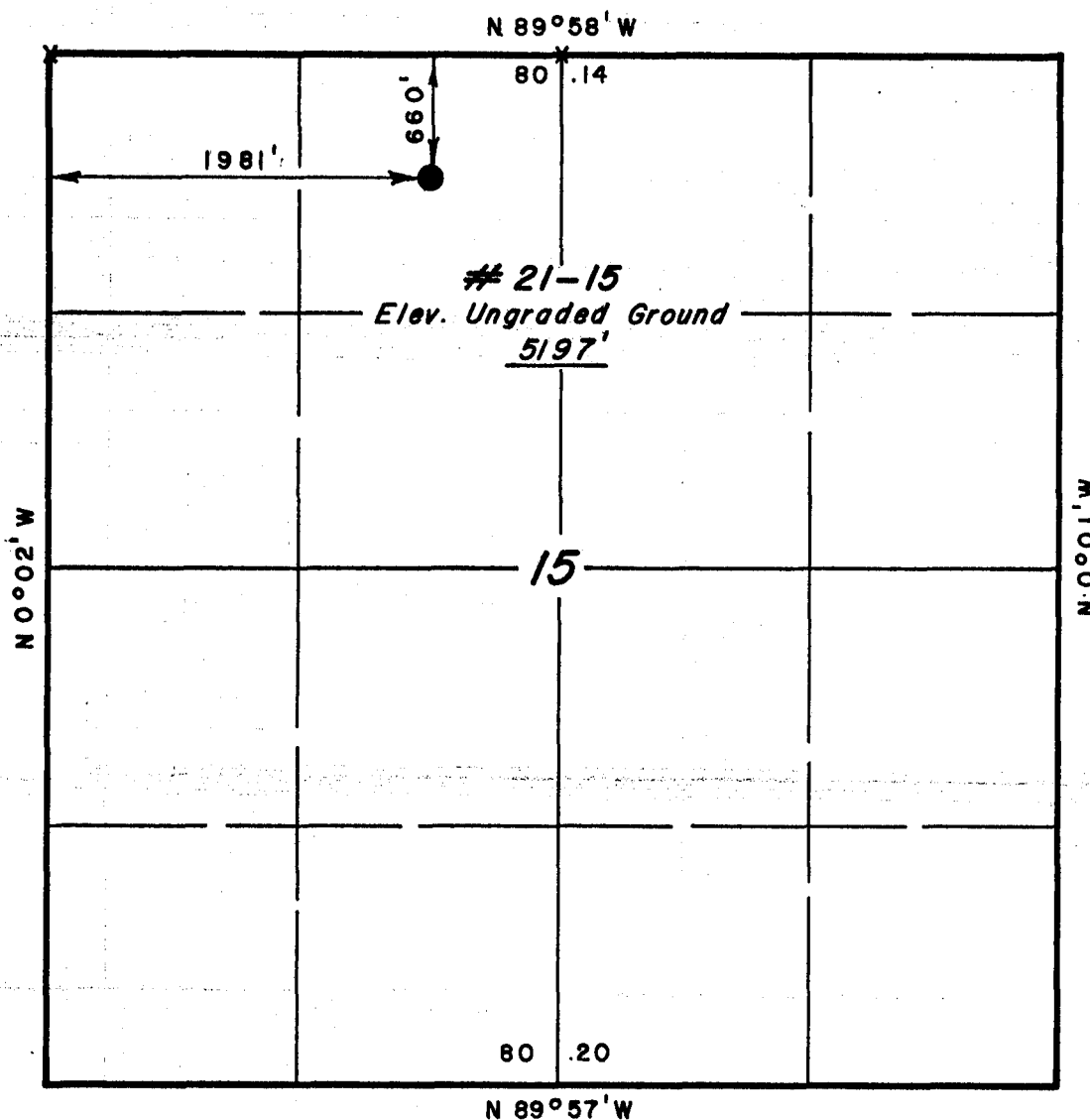
cc: USGS (5); Div. OG&M; Operations; ERHenry; CTCIark

*See Instructions On Reverse Side

T9S, R17E, S.L.B.&M.

PROJECT
NATURAL GAS CORP. OF CALIF.

Well location, # 21-15,
located as shown in NE 1/4 NW 1/4,
Section 15, T9S, R17E, S.L.B.&M.
Duchesne County, Utah.



X = Section Corners Located



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE
BEST OF MY KNOWLEDGE AND BELIEF.

Robert L. Burdick

REGISTERED LAND SURVEYOR
REGISTRATION NO 2454
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
P. O. BOX Q - 85 SOUTH - 200 EAST
VERNAL, UTAH - 84078

SCALE	1" = 1000'	DATE	9/3/81
PARTY	NM, DC, JH	REFERENCES	GLO PLAT
WEATHER	FAIR / WARM	FILE	NATURAL GAS

NATURAL GAS CORP.
OF CALIF.

21-15

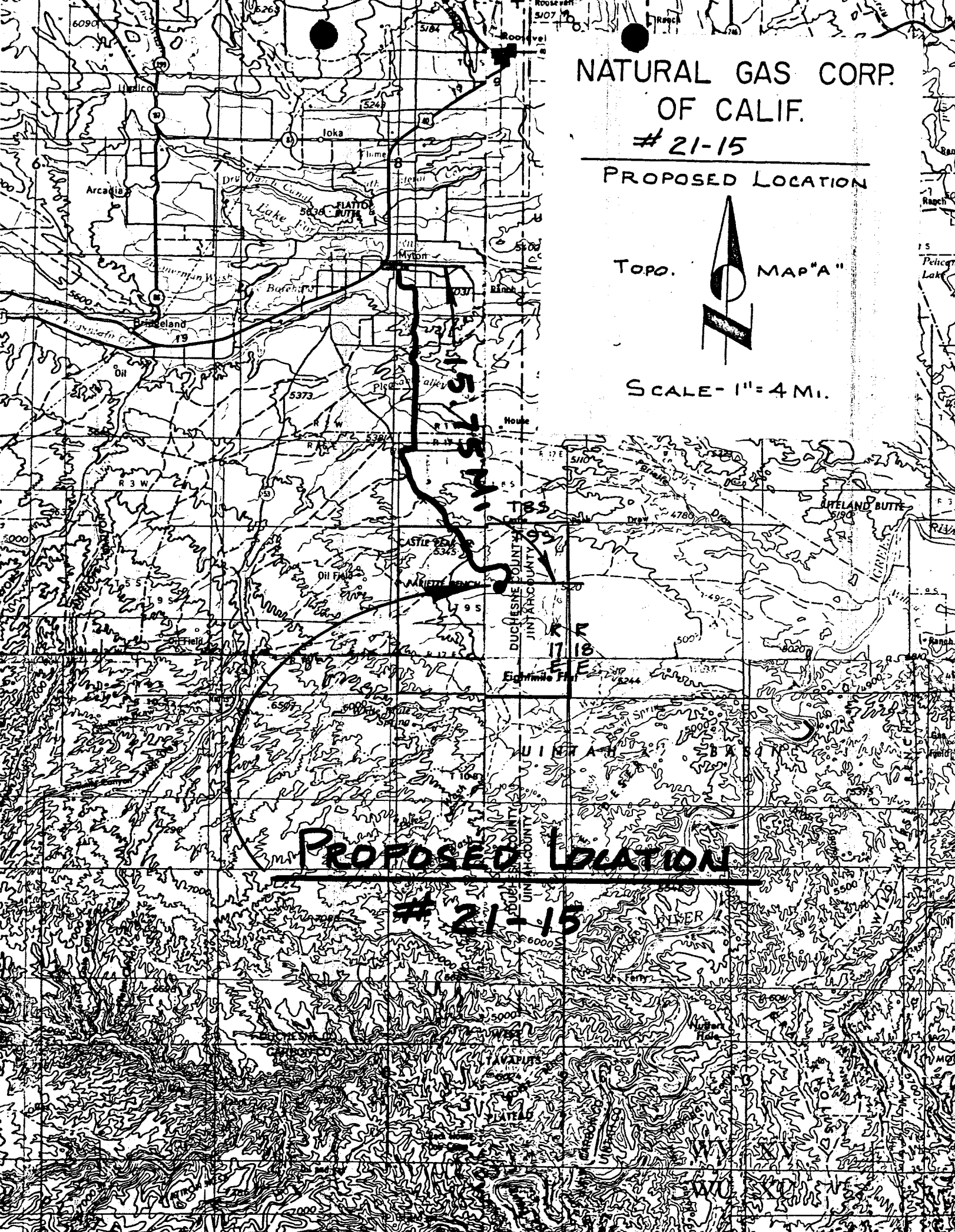
PROPOSED LOCATION

TOPO.

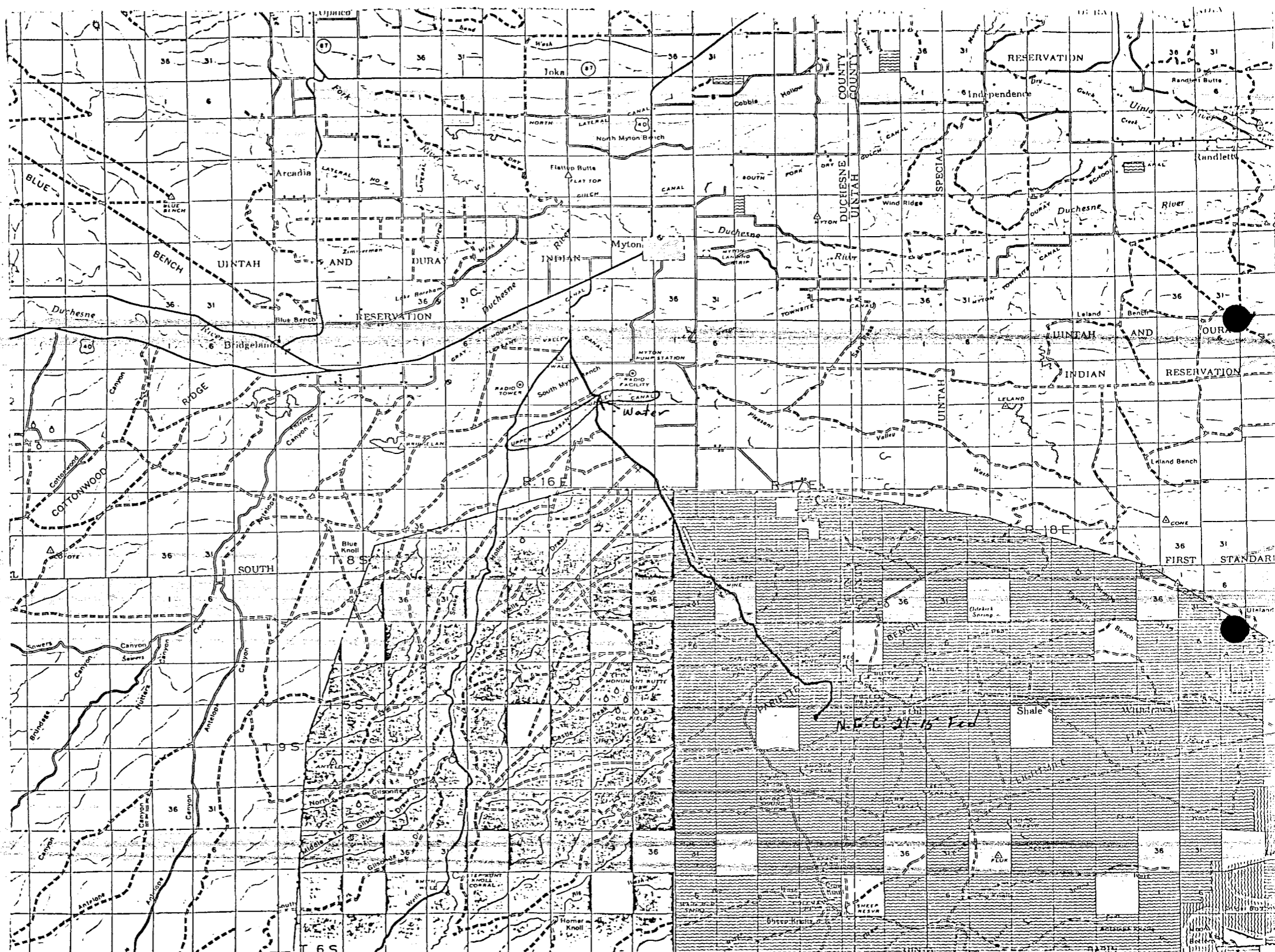
MAP "A"

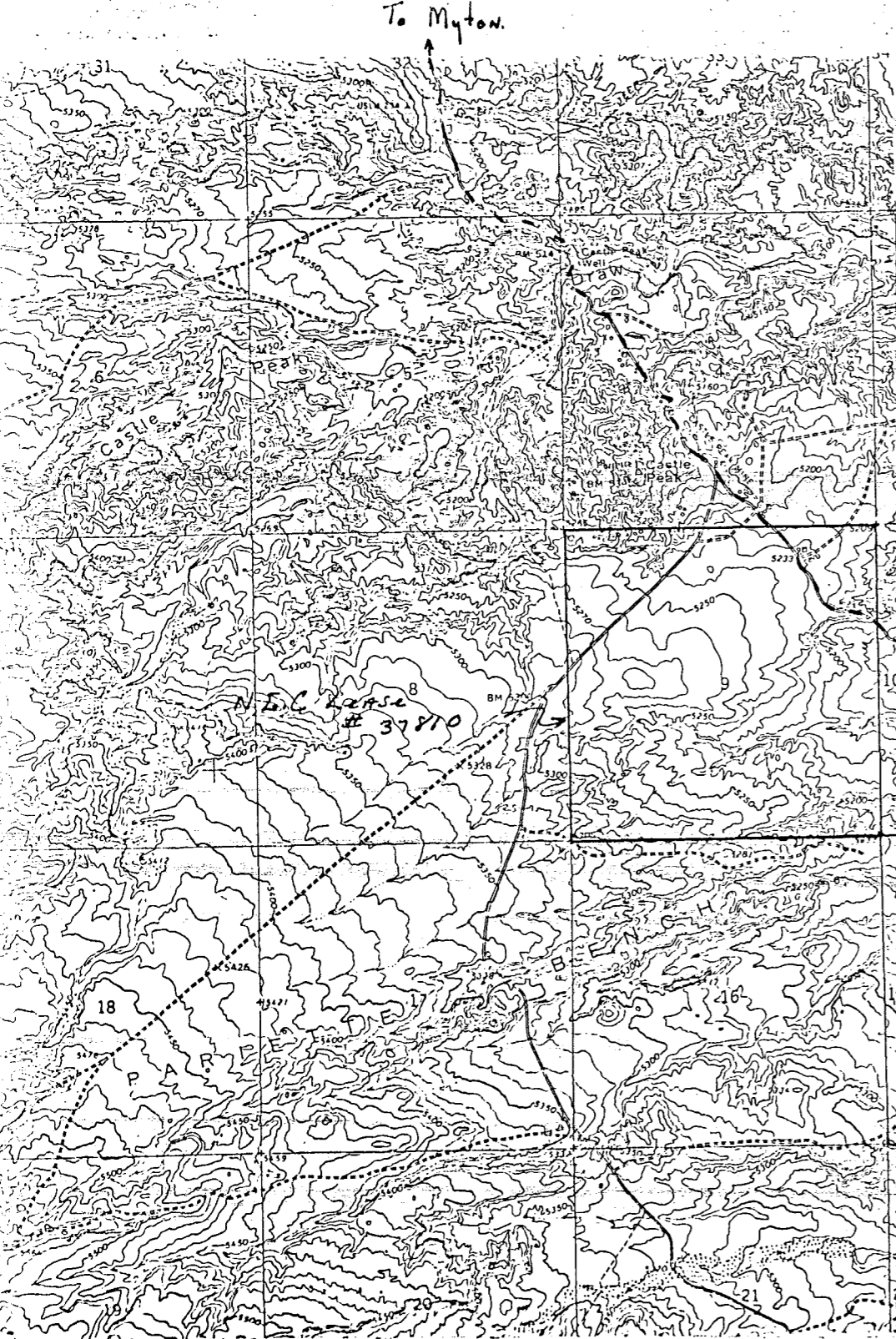


SCALE - 1" = 4 MI.

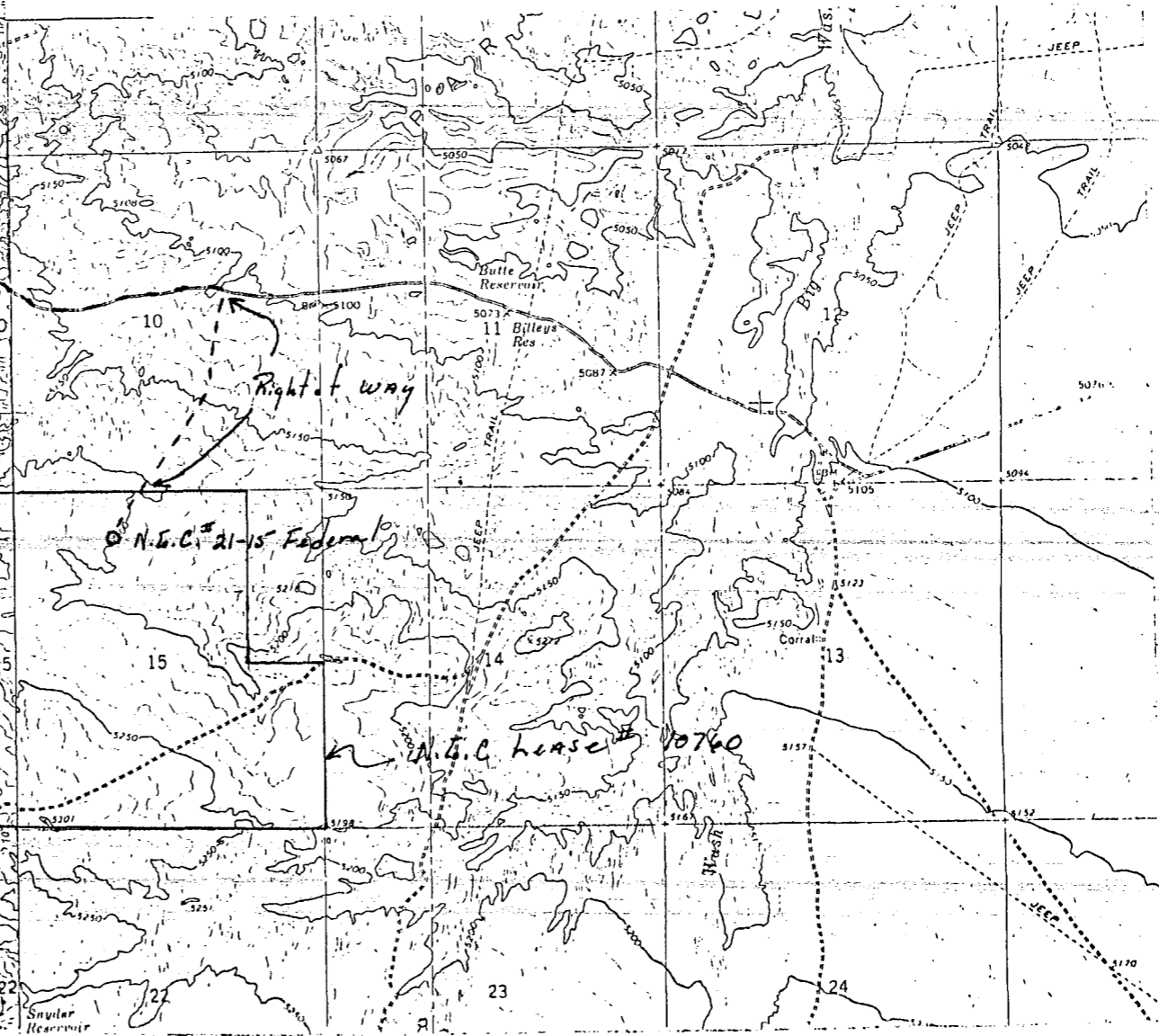


N.E.C. # 21-15 Fed.





Map B
N.E.C. # 21-15 Fed.



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒GAS
WELL ☐

OTHER

SINGLE
ZONE ☐MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Natural Gas Corporation of California

3. ADDRESS OF OPERATOR

85 South 200 East, Vernal, UT 84078 Telephone 801-789-4573

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)

At surface

1981' FWL, 660' FNL, Section 15, T9S, R17E

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drig. unit line, if any)

660

16. NO. OF ACRES IN LEASE

840

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

5950'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5197' GR

22. APPROX. DATE WORK WILL START*

December 1, 1981

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4	9-5/8	36#, K55, New	500	To surface
7-7/8	5-1/2	17#, N80, New	TD	As Required NEED TO PROTECT FRESH WATERS AND OIL SHALE

Operator proposes to drill a 5950' well to test for oil in the Green River Formation.
For additional details please see the attached 13 Point and 10 Point Plan.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

Wm Ryan

TITLE

Petroleum Engineer

DATE

9/18/81

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

WJ Martin

TITLE

E. W. Guyan
District Oil & Gas Supervisor

DATE

NOV 04 1981

CONDITIONS OF APPROVAL, IF ANY:

cc: USGS (5); Div. OG&M; Operations; ERHenry; CTCJark

NOTICE OF APPROVAL

State of G

*Conditions of Approval Attached
TO OPERATOR'S COPYFLARING OR VENTING OF
GAS IS SUBJECT TO NTL 4-A
DATED 1/1/80

United States Department of the Interior
Geological Survey
2000 Administration Bldg.
1745 West 1700 South
Salt Lake City, Utah 84104

NEPA CATEGORICAL EXCLUSION REVIEW

PROJECT IDENTIFICATION

Operator Natural Gas Corporation of California

Project Type Oil Well

Project Location 1981' FWL & 660' FNL - Sec. 15, T. 9S, R. 17

Well No. 21-15 Lease No. U-10760

Date Project Submitted October 8, 1981

FIELD INSPECTION

Date October 23, 1981

Field Inspection
Participants

Greg Darlington - USGS, Vernal

Gary Slagel - BLM, Vernal

Rick Canterbury and Bill Ryan - NGCC

Allen Lee - D. E. Casada

Leonard Heeney - Ross Construction Company

Jim Hacking - Skewes Construction Company

Related Environmental Documents: Unit Resource Analysis, Duchesne Planning

Unit, BLM, Vernal

I have reviewed the proposal in accordance with the categorical exclusion review guidelines. This proposal would not involve any significant effects and, therefore, does not represent an exception to the categorical exclusions.

October 30, 1981

Date Prepared

Gregory Darlington

Environmental Scientist

I concur

NOV 03 1981

Date

W. J. Martin

District Supervisor

FOR E. W. GUYNN
DISTRICT OIL & GAS SUPERVISOR

Typed In 10-29-81

Typing Out 10-29-81

PROPOSED ACTIONS:

Natural Gas Corporation of California plans to drill the #21-15 well, a 5950' oil test of the Green River Formation. A new access road of .6 mile in length from an existing well service road will be required. A pad 200' x 300' and a reserve pit 100' x 150' are planned for the location.

RECOMMENDED APPROVAL CONDITIONS:

The operator agrees to accept and adhere to the following conditions in addition to the plans outlined in the APD:

1. BLM stipulations;
2. Lease stipulations; and
3. provide adequate logs for the identification of other minerals as requested in the Mineral Evaluation Report and Mining Report.

FIELD NOTES SHEET

Date of Field Inspection: October 23, 1981

Well No.: 21-15 NCC

Lease No.: V-10760

Approve Location: ✓

Approve Access Road: ✓ .6 mile new access road

Modify Location or Access Road: There is a Union 76. well at the start of the new access road and the Cotton 1-10 Dancan well at the intersection of the access route with the main road.

Evaluation of Criteria for Categorical Exclusion

1. Public Health and Safety
2. Unique Characteristics
3. Environmentally Controversial Items
4. Uncertain and Unknown Risks
5. Establishes Precedents
6. Cumulatively Significant
7. National Register Historic Places
8. Endangered/Threatened Species
9. Violate Federal, State, Local, or Tribal Laws

If this project is not eligible for Categorical Exclusion circle the numbers of the above criteria requiring the preparation of an EA.

Comments and special conditions of approval discussed at onsite: (include local topography) Good location. In a development field.

CATEGORICAL EXCLUSION REVIEW INFORMATION SOURCE

Criteria	<u>Federal/State Agency</u>			Local and private correspondence (date)	Previous NEPA	Other studies and reports	Staff expertise	Onsite inspection (date)	Other
	Correspondence (date)	Phone check (date)	Meeting (date)						
516 DM 2.3.A									
Public health and safety							1, 2, 4, 6	10/25/1981 October 23 1981	
Unique characteristics							1, 2, 4, 6		
Environmentally controversial							1, 2, 4, 6		
Uncertain and unknown risks							1, 2, 4, 6		
Establishes precedents							1, 2, 4, 6		
Cumulatively significant							1, 2, 4, 6		
National Register historic places							1, 6		
Endangered/threatened species							1, 6		
Violate Federal, State, local, tribal law							1, 2, 4, 6		

CATEGORICAL EXCLUSION REVIEW COMMON REFERENCE LEGEND

1. Surface Management Agency Input
2. Reviews Reports, or information received from Geological Survey
(Conservation Division, Geological Division, Water Resource Division,
Topographic Division)
3. Lease Stipulations/Terms
4. Application Permit to Drill
5. Operator Correspondence
6. Field Observation
7. Private Rehabilitation Agreement
8. *Onsite Requirements other than the items 1-7.*

Greg

FROM: DISTRICT GEOLOGIST, ME, SALT LAKE CITY, UTAH

TO: DISTRICT ENGINEER, O&G, SALT LAKE CITY, UTAH

SUBJECT: APD MINERAL EVALUATION REPORT

LEASE NO. U-18043OPERATOR: CottonWELL NO. 1-10LOCATION: C SE 1/4 NE 1/4 sec. 10, T. 9S, R. 17E., SLMDuchesne County, Utah

1. Stratigraphy:

Uintah	surface
Green River	1300'
Wasatch	5900'
<u>TD</u>	<u>6150'</u>

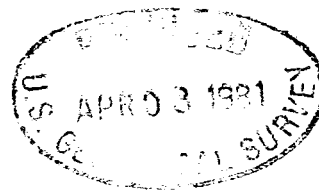
2. Fresh Water:

Fresh water may be present in the Uintah and in Green River sandstones to 3500'.

3. Leasable Minerals:

Oil shale: Green River. The Mahogany zone should occur at ~ 2600'.

Oil / Gas: Green River, Wasatch

4. Additional Logs Needed: Adequate5. Potential Geologic Hazards: None expected

6. References and Remarks:

Signature:

Greene W. WoodDate: 3 - 27 - 81

10 Point Plan
Pleasant Valley Prospect
NGC #21-15 Federal
Section 15, T9S, R17E
Duchesne County, Utah

1. Surface Formation: Uintah
2. Estimated Formation Tops and Datum:

<u>Formation</u>	<u>Depth</u>	<u>Datum</u>
Uintah	Surface	+5212' KB
Green River	1200'	+4012'
Parachute Creek	2330'	+2885'
"H" Garden Gulch	3480'	+1730'
"J" Marker	3630'	+1528'
"J" Marker	4090'	+1123'
"K" Douglas Creek	4290'	+ 925'
"N" Marker	5050'	+ 165'
TW Datum	5550'	- 339'
TD	5950'	- 739'

3. Producing Formation Depth: 5500' - 5950'

4. Proposed Casing Program:

<u>Hole Size</u>	<u>Casing Size</u>	<u>Weight/ft.</u>	<u>Setting Depth</u>	<u>Cement</u>	<u>Casing</u>
12-1/4	9-5/8	36#, K-55	500'	To Surface	New
7-7/8	5-1/2	17#, N-80	TD	As Required	New

5. A 3000 psi WP BOP system as described in the BOP and Pressure Containment Data (attached) will be installed and maintained from under the 9-5/8" surface casing. BOP system including the casing will be pressure tested to a minimum of 3000 psi for 30 minutes prior to drilling and will be mechanically checked daily during drilling operations.

6. Mud Program:

<u>Interval</u>	<u>Mud Weight lbs/gal</u>	<u>Viscosity Sec/Qt</u>	<u>Fluid Loss ML/30 mins</u>	<u>Mud Type</u>
0-500	Clear Water	-----	No Control	Water Gel
500-TD	9.5	35	10cc or less	Brine

7. Auxiliary Equipment: Upper Kelly cock, full opening stabbing valve, 2½" choke manifold, and pit level indicator.
8. Testing, Coring, Sampling and Logging:
 - (a) Testing: Drill stem tests may be conducted at the discretion of the well site geologist.
 - (b) Coring: One core in the Douglas Creek at approximately 4730'.
 - (c) Sampling: Cutting samples will be collected by the drilling contractor at 10' intervals from surface to TD.

8. (d) Logging:

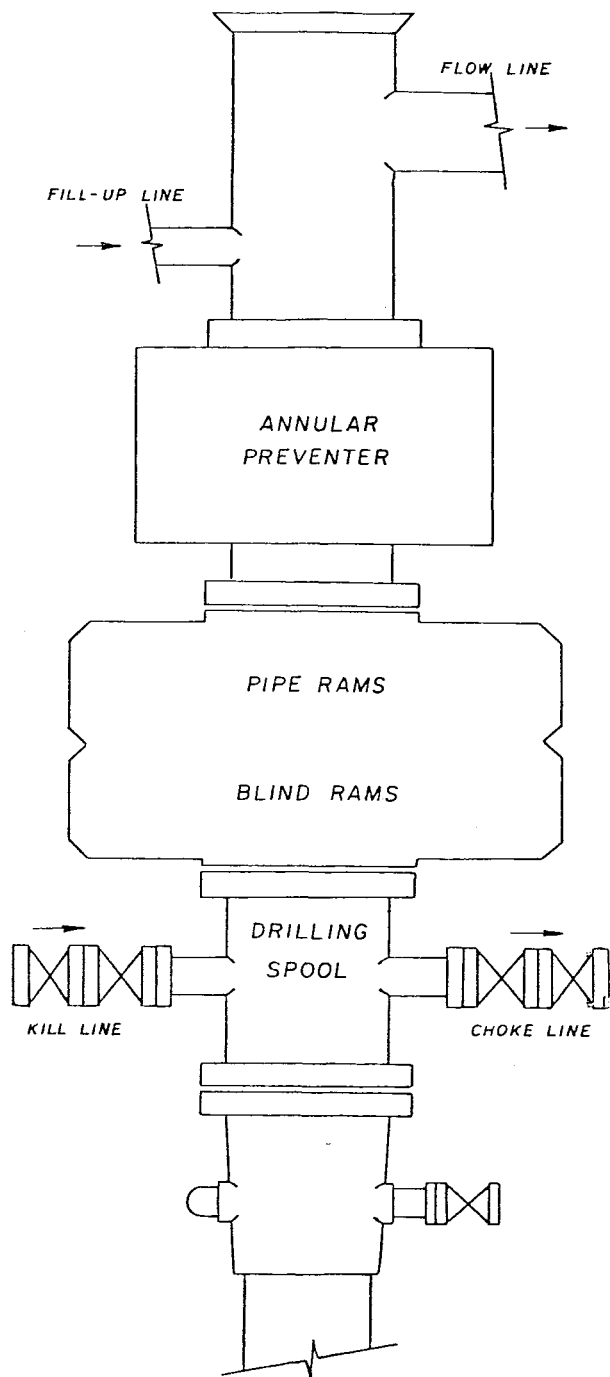
<u>Type</u>	<u>Interval</u>
DI-SFL/GR and SP	Surface Casing to T.D.
FDC-CNL/GR & F Log	
Overlay	
BHC Sonic/GR & Caliper	
Temp Survey to be run with each log.	

9. Abnormalities: No abnormal temperatures, pressures, or other potential hazards are anticipated.

10. Drilling Schedule: Anticipated starting date - December 1, 1981. Duration of operations - 30 days.

NATURAL GAS CORPORATION
OF
CALIFORNIA
BOP AND PRESSURE CONTAINMENT DATA

NGC #21-15 Federal
Section 15, T9S, R17E
Duchesne County, Utah



1. BOP equip shall consist of a double gate, hydraulically operated preventer with pipe & blind rams or two single ram type preventers, one equipped w/pipe rams, the other w/blind rams.
2. BOP's are to be well braced w/ hand controls extended clear of substructure.
3. Accumulator to provide closing pressure in excess of that required w/sufficient volume to operate all components.
4. Auxiliary equipment: Lower kelly cock, full opening stabbing valve, 2½" choke-manifold, pit level indicator &/or flow sensors w/alarms.
5. All BOP equipment, auxiliary equipment stand pipe & valves & rotary hose to be tested to the rate pressure of the BOP's at time of installation & every 30 days thereafter. BOP's to be mechanically checked daily.
6. Modification of hook-up or testing procedure must be approved in writing on tour reports by wellsite representative.

Natural Gas Corporation of California

13 Point Surface Use Plan..

for

Well Location

NGC #21-15 Federal

Located In

Section 15, T9S, R17E, S.L.B. & M.

Duchesne County, Utah

1. EXISTING ROADS

See attached topographic map A.

To reach NGC Well #21-15, proceed west from Myton, Utah along U.S. Highway 40 for 1.5 miles to its junction with U.S. Highway 53; proceed south two miles to its junction with County Road #216; follow this road south and east approximately 12 miles. At this point is where the planned access road will start.

2. PLANNED ACCESS ROAD

See attached topographic map B.

Please see attached Application for Right-of-Way for additional off lease right-of-way information.

The access road will be constructed to the following standards:

- 1) Width - The running surface will be 18 feet and the total disturbance width including the ditches will not exceed 30 feet.
- 2) Maximum grade - 3%
- 3) Turnouts - None
- 4) Drainage designs - Ditches will be constructed on each side of the road, V-shaped, 1 foot deep at 3:1 slopes.
- 5) Location and size of culverts, major cuts and fills - None
- 6) Surfacing materials - None
- 7) Gates, cattleguards, or fence cuts - None
- 8) The proposed road has been flagged.

3. LOCATION OF EXISTING WELLS

The following wells are located within a 1 mile radius of the location site.

- 1) Water Wells - None
- 2) Abandoned Wells - None
- 3) Temporarily Abandoned Wells - None

- 4) Disposal Wells - None
- 5) Drilling Wells - None
- 6) Producing Wells - There are two wells in the area. They do not have location numbers or location signs.
- 7) Shut-in Wells - None
- 8) Injection Wells - None
- 9) Monitoring or observation wells for other resources - None

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

- A. (1) Tank batteries - none.
(2) Production facilities - none.
(3) Oil gathering lines - none.
(4) Gas gathering lines - none.
- B. (1) In the event production is established, all petroleum production facilities are to be contained within the proposed location site. In the event that production of oil from this well is established, a berm will be constructed around the tank battery large enough to contain the contents of tanks.

(2) Construction methods and materials - Production facilities will be placed on the proposed pad. Construction materials will come from the unused portion of the pad.

(3) Livestock and wildlife protection - The evaporation pond will be fenced on all four sides and overhead wire with flagging installed, if there is oil in the pit.
- C. The rehabilitation of disturbed areas no longer required for the production of this well will be completed by backfilling, recontouring, topsoiling and seeding.

5. LOCATION AND TYPE OF WATER SUPPLY

See attached topographic map A.

Water will be taken from the upper Pleasant Valley Canal. The water will be hauled by truck over existing roads to the location.

6. SOURCE OF CONSTRUCTION METHODS

All construction materials for this location site and access road will be borrow materials, accumulated during construction of the location site. No additional road gravels or pit lining material from other sources are anticipated at this time, but if they are required, the appropriate actions will be taken to acquire them from private sources.

7. METHODS FOR HANDLING WASTE DISPOSAL

- 1) Cuttings, drilling fluids and produced fluids - A reserve pit will be constructed. The reserve pit will be approximately 10' deep and at least one-half of this depth shall be below the surface of the existing ground.

One-half of the reserve pit will be used as a fresh water storage area during the drilling of this well and the other one-half will be used to store nonflammable materials such as cuttings, salts, drilling fluids, chemicals, produced fluids, etc.

Prior to the onset of drilling, a "stock tight" fence shall be installed on three sides of the reserve pit. This fence will be either (1) woven wire at least 28 inches high and within 4 inches of ground surface with two strands of barbed wire above the woven wire with 10-inch spacing, or, (2) at least five strands of barbed wire spaced, starting from the ground, at approximately 6-, 8-, 10-, 12-, and 12-inch intervals. At the completion of drilling operations, the fourth side of the reserve pit will be fenced and allowed to dry completely before the pit is backfilled. If there is oil on the pits, overhead wire and flagging will be installed on the pits.

If deemed necessary by the agencies concerned to prevent contamination to surrounding areas, the reserve pit will be lined with a gel.

- 2) Sewage - A portable chemical toilet will be supplied for human waste.
- 3) Garbage - Trash cages will be on all locations and all trash will be removed to an authorized landfill.
- 4) Site Clean-up - Immediately after the rig is moved out, the area around the well site will be cleaned and all refuse placed in the burn pit.

8. ANCILLARY FACILITIES

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. WELL SITE LAYOUT

See typical rig layout.

10. PLANS FOR RESTORATION OF THE SURFACE

Prior to construction of the location, the top 6 inches of soil material will be stripped and stockpiled. This will amount to approximately 1400 cubic yards of material that will be stockpiled.

If the well is producing, the platform and pit areas no longer required for the production of the well will be backfilled, recontoured, topsoiled and seeded.

If the well is abandoned, the entire disturbed area (including roads) will be restored by: (1) backfilling; (2) recontouring; (3) topsoiling; (4) seeding. Specifically: the platform highwall(s) and road fill(s) will be eliminated by moving all excavated material back in place. Restoration of the location and access road will begin within 90 days after completion of the well. The BLM representative will be notified prior to starting the rehabilitation operations.

The following seed mixture and methods for seeding will be used:

The seed mixture will be: Determined by the Bureau of Land Management at the time of abandonment.

Seed will be planted after September 1 and prior to ground frost; or seed will be planted after the frost has left and before May 15. All seed will be drilled on the contour at a depth of $\frac{1}{4}$ to $\frac{1}{2}$ inch. Slopes too steep or rocky for machinery will be broadcast and the seed hand raked into the soil. When broadcasting the seed, the rate per acre will be doubled.

The Lessee further covenants and agrees that all of said clean-up and restoration activities shall be done and performed in a diligent and most workmanlike manner and in strict conformity with the above mentioned Items #7 and #10.

11. OTHER INFORMATION

- 1) The soil is a light sandy clay. The vegetation cover is 5 to 10 percent, with the majority made up of sage brush.
- 2) The surface is owned by the Federal Government and administered by the Bureau of Land Management.
- 3) There are no occupied dwellings or other facilities including archaeological, historical, or cultural sites near the proposed location. The nearest live water is the White River, six miles to the southeast.

12. LESSEE'S OR OPERATOR'S REPRESENTATIVE

Natural Gas Corporation of California
85 South 200 East
Vernal, UT 84078
Attn: William A. Ryan

Telephone: (801) 789-4573

13. CERTIFICATION

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge and belief, true and correct; and that the work associated with the operations proposed herein will be performed by Natural Gas Corporation of California and its contractors in conformity with this plan and terms and conditions with this plan and the terms and conditions under which it is approved.

September 18, 1981

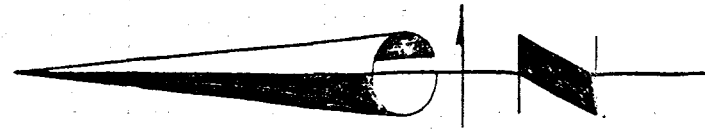
Date

William A. Ryan

William A. Ryan, Petroleum Engineer

SCALE 1"=50' 9/3/81

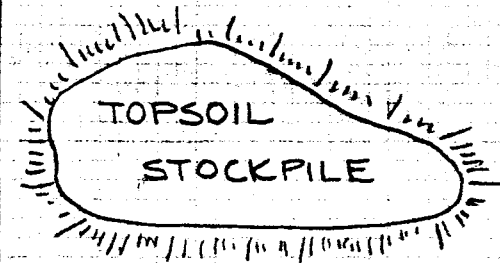
NATURAL GAS CORP. OF CALIF.
21-15



El. 5195.97

El. 5195.4

RESERVE PITS
FRESH WATER SIDE
OVERFLOW & DRILLING FLUIDS



⑤ El. 5196.65 F-O. 26

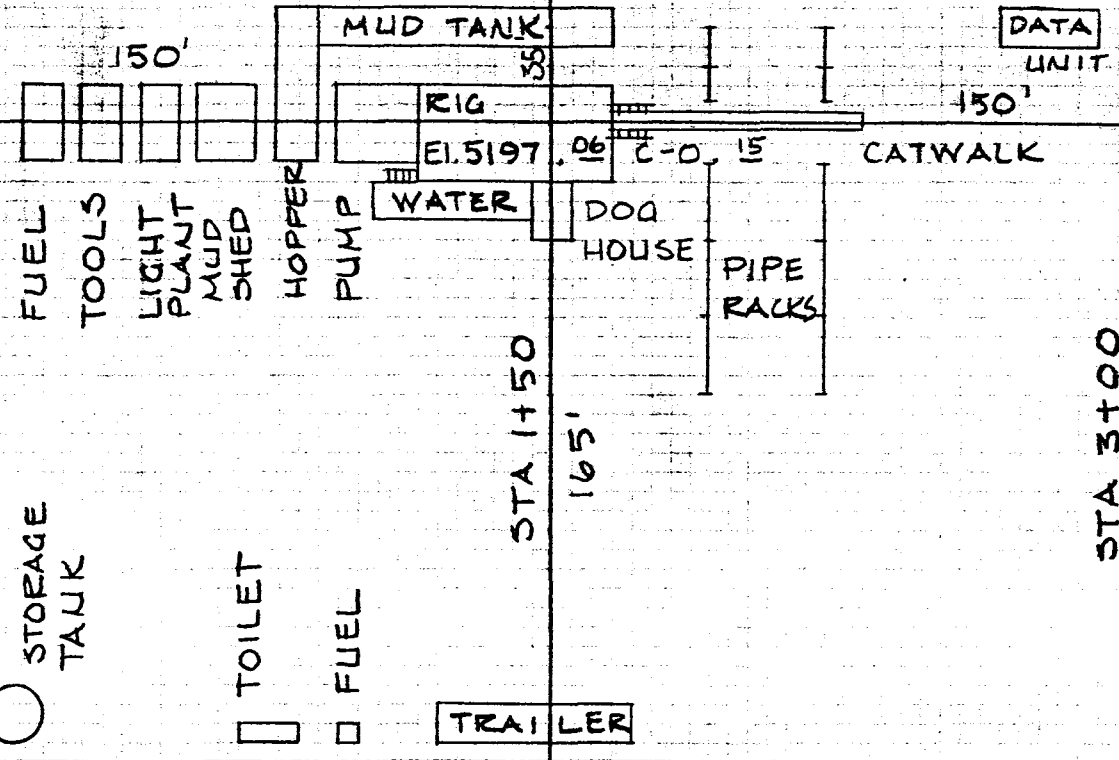
⑥ El. 5198.06 C-1.35

El. 5197.62 C-O. 71 ④

El. 5198.28 C-1.37 ③

PROPOSED ACCESS

STA 0+00

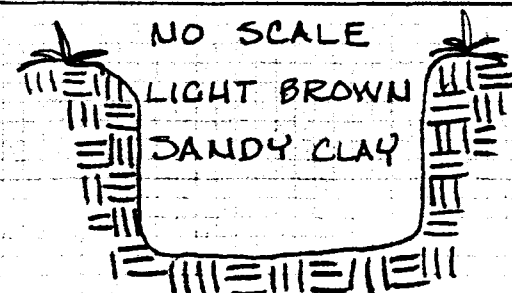


② El. 5201.49 C-4.58

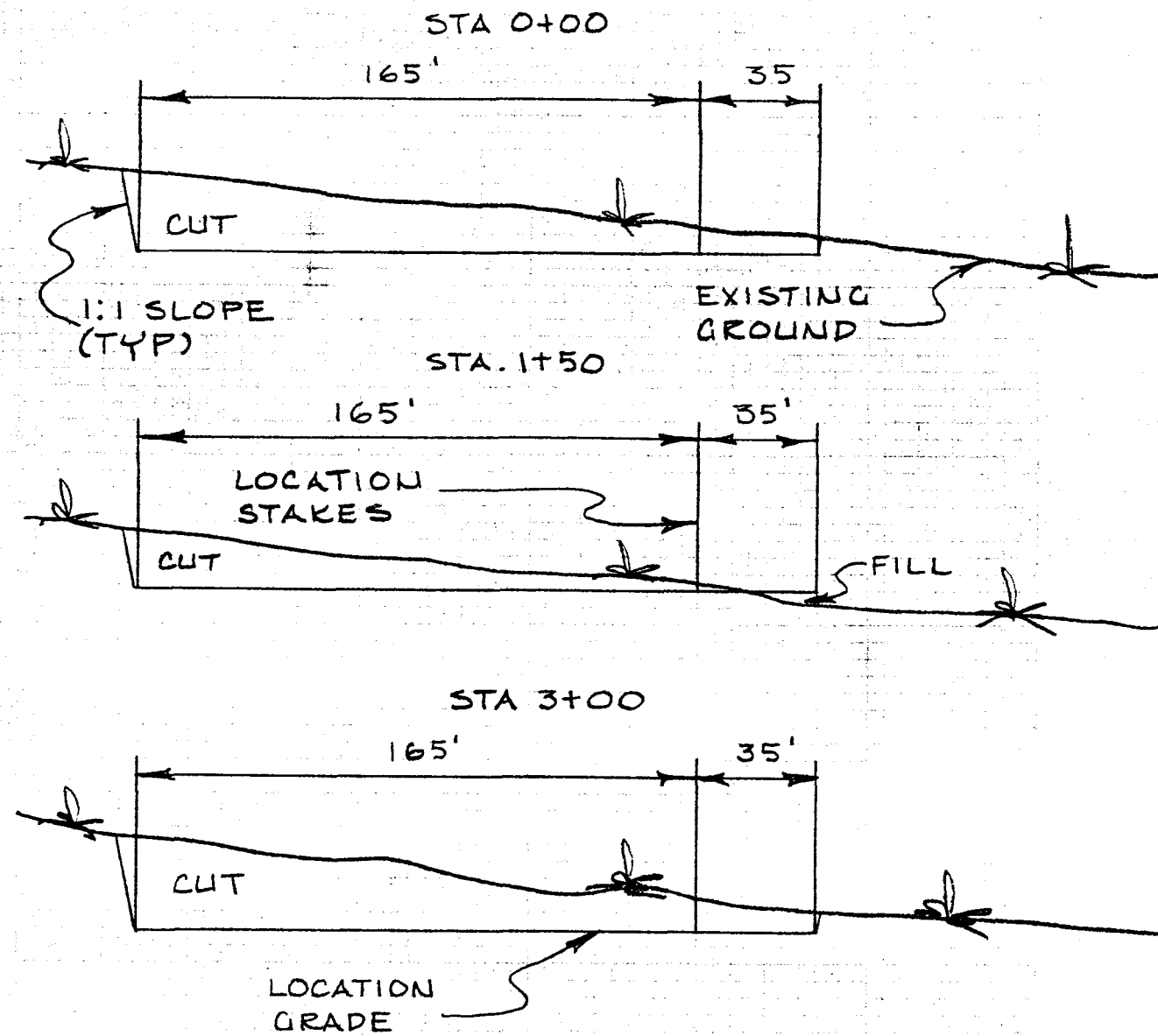
① El. 5200.13 C-3.22

⑧ El. 5202.65 C-5.74

SOILS LITHOLOGY



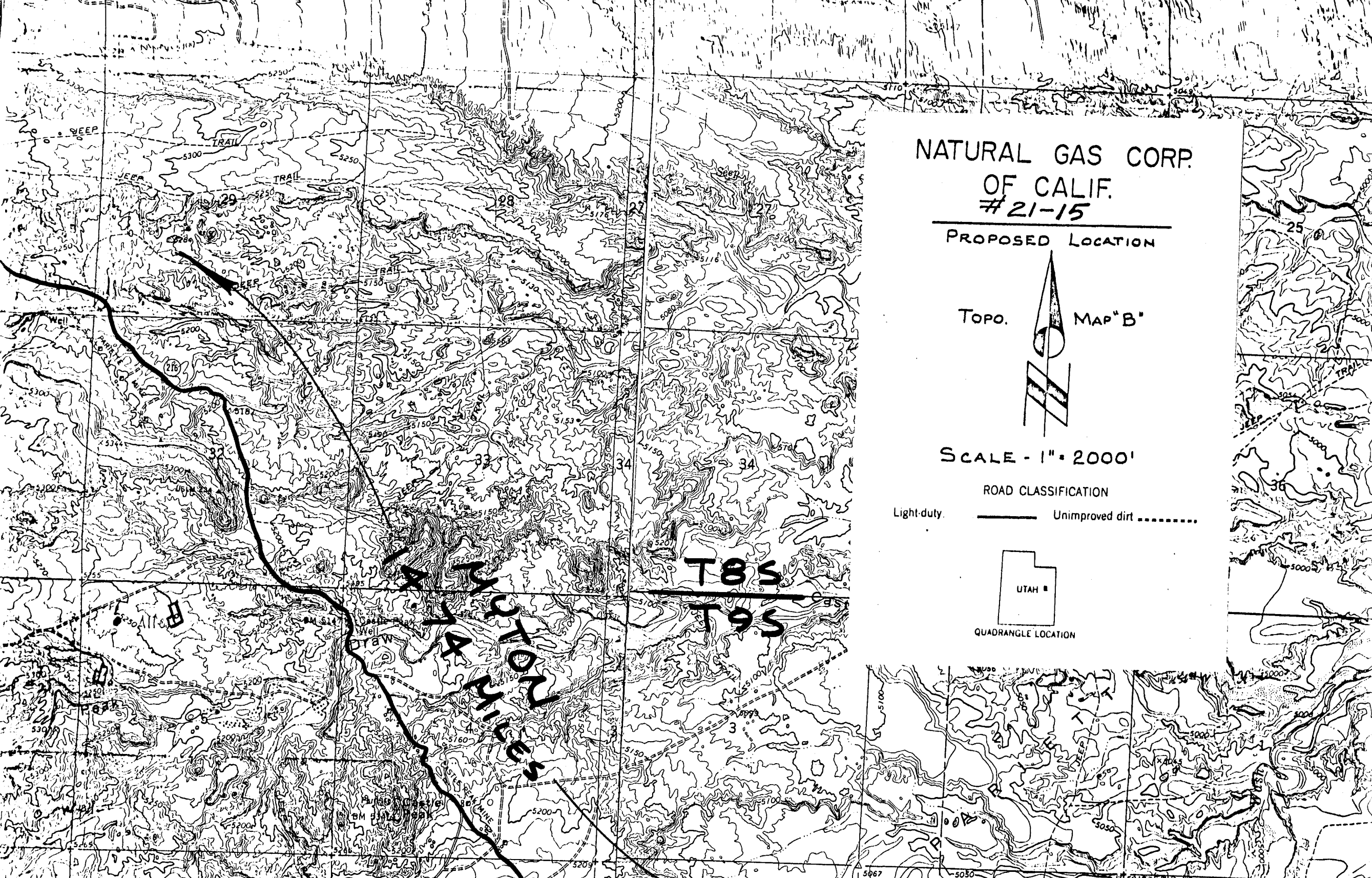
CROSS SECTIONS



1"=10'
1"=50'
SCALES

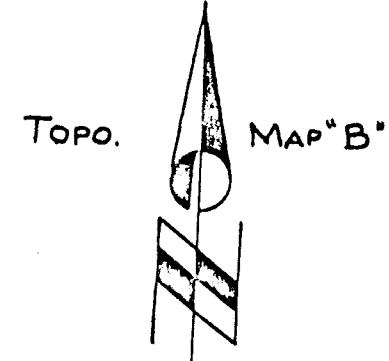
APPROX YARDAGES

CU YDS CUT 4911.
CU YDS FILL 16



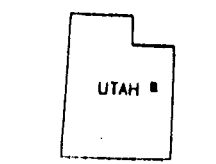
NATURAL GAS CORP.
OF CALIF.
#21-15

PROPOSED LOCATION



SCALE - 1" = 2000'

ROAD CLASSIFICATION
Light-duty ————— Unimproved dirt - - - - -



UTAH ■
QUADRANGLE LOCATION

PROPOSED ACCESS RD.
(3,000')

EXISTING ROAD
0.44 MILE

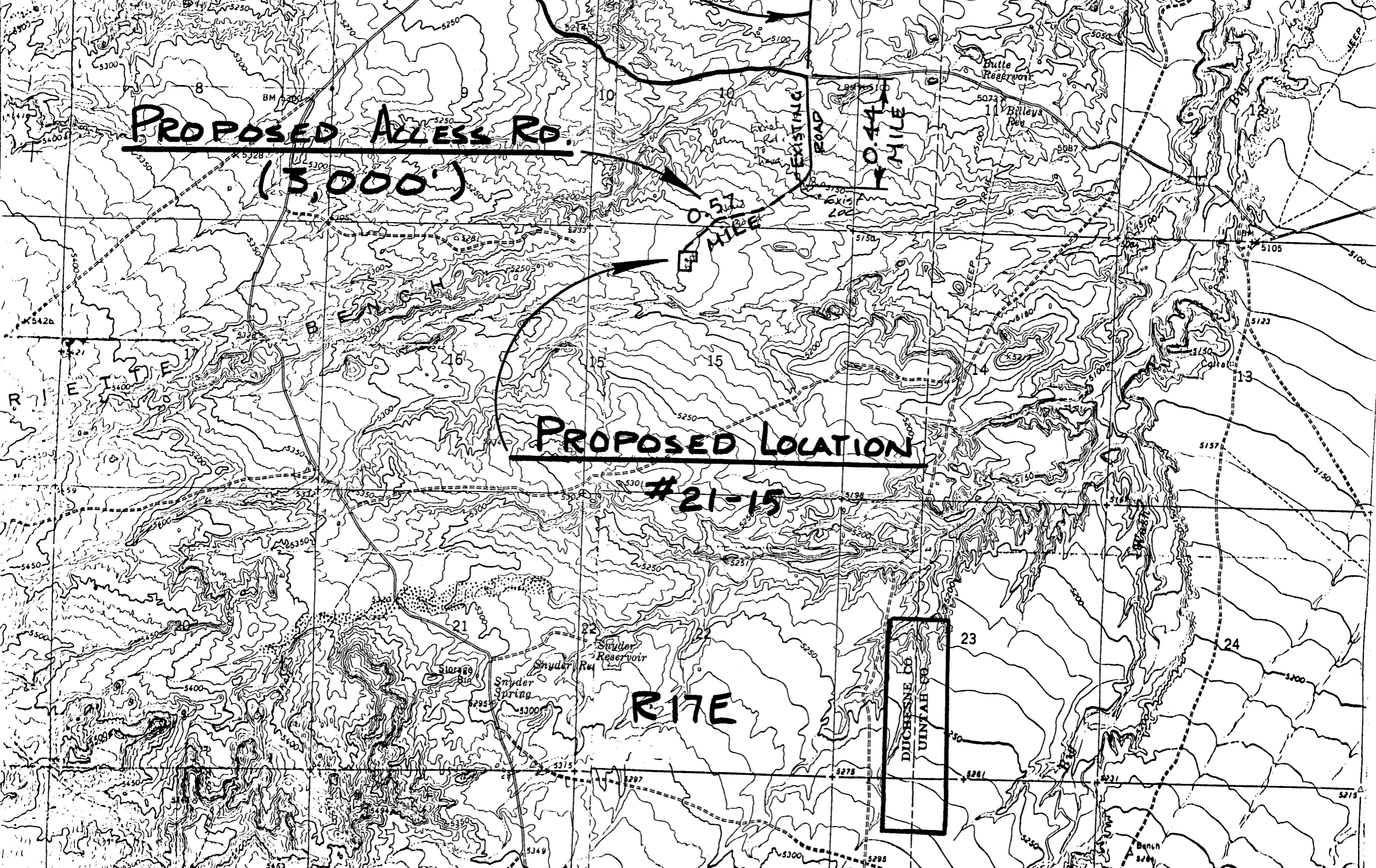
0.57 MILE

PROPOSED LOCATION

#21-15

R17E

DICHESNE CO
UTAH CO



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Application for Right-of-Way
Act of February 25, 1920 (30 U.S.C. 185) as Amended by the
Act of November 16, 1973 (87 Stat. 576)

INSTRUCTIONS: This is an optional form, which satisfies the minimum requirements for a right-of-way application. Additional information may be required by the authorized officer (43 CFR 2802.3-5). Submit the application to the Bureau of Land Management, Vernal District Office, 170 South 500 East, Vernal, Utah 84078.

1. Name (first, middle, last)

William A. Ryan

2. Address (include zip code)

85 South 200 East, Vernal, UT 84078

3. LEGAL DESCRIPTION

Township 9S Range 17E Section 10, 4, Subdivisions
8, 17

Township 9 South, Range 17 East, Section 10, 4, 8, 16-17-21-29

If additional space is needed, attach a separate sheet.

4. TYPE OF APPLICATION Access road to two wells.

(communication site, road, powerline, etc.)

5. Check the appropriate box. This application is for:

(XX) A new right-of-way.

() Amendment of existing right-of-way serial number _____.

() Renewal of existing right-of-way serial number _____.

() Assignment of existing right-of-way serial number _____.

() Other _____.

6. A nonreturnable payment in accordance with the following schedule must be submitted with this application (see 43 CFR 2803.1-1(a)(2) for exceptions):

- a. If length is less than 5 miles, payment is \$50 per mile or fraction thereof.
- b. If length is 5 to 20 miles, payment is \$500.
- c. If length is over 20 miles, payment is \$500 for each 20 miles or fraction thereof.
- d. If the application is for a non-linear right-of-way (e.g., reservoir, communication site, plant site, etc.), payment is \$250 for each 40 acres or fraction thereof.
- e. Assignment of a right-of-way, payment is \$50.

7. TECHNICAL AND FINANCIAL CAPABILITY -- Attach evidence that you have, or prior to the commencement of construction will have, the technical and financial capability to construct, operate, maintain, and terminate the requested right-of-way.

8. PROJECT DESCRIPTION -- Use the space provided or attach a separate sheet.

a. Explain how the right-of-way will interrelate with existing and future projects and other developments on public lands.

b. Describe the right-of-way in sufficient detail to enable the authorized officer to determine:

- i. Impacts on the environment;
- ii. Benefits provided to the public; and
- iii. Safety of the proposal.

The right-of-way in Section 10 will be new construction and is required to drill and complete Well #21-15. This access will also provide a means to transport petroleum products, if the well is a producer. Please see attached map "B".

The right-of-way in Sections 4, 8, 16, 17, 21 is on an existing oil field road and will require little or no upgrading on the part of Natural Gas Corporation to be able to access well #41-30.

The right-of-way in Section 29 will be along an existing road which will require upgrading to the standard set forth in the 13 Point Surface Use Plan of the A.P.D. filed for Well #41-30. This access will also provide a means to transport petroleum products, if the well is a producer. Please see attached map "A".

The total length of right-of-way application is 3.2 miles.
.6 miles for Well #21-15, 2.6 miles for Well #41-30

9. If you are excepted from rental payments under 43 CFR 2803.1-2(c), execute and attach DI Form 1350, Assurance of Compliance. Forms are available upon request.

10. APPLICANT QUALIFICATIONS AND DISCLOSURE

Check the appropriate box and attach the required disclosure information.**

(XX) CORPORATION, attach:

a. Private

A copy of the corporation's charter or articles of incorporation duly certified by the proper State official of the State where the corporation was organized.

Other than private

A copy of the law under which the corporation was formed and proof of organization under that law.

b. A copy of the corporation's bylaws duly certified by the secretary of the corporation.

c. A copy of the resolution by the board of directors of the corporation or other documents authorizing the filing of this application.

d. If the corporation was not organized under Utah State laws, attach a certificate from the Secretary of State indicating that the corporation is in good standing and entitled to operate in Utah.

e. If 3 percent or more of any class of stock of the corporation is held or controlled by an alien citizen, complete the following:

Name of alien citizen _____

Citizenship _____

() STATE OR LOCAL GOVERNMENT OR AGENCY OR INSTRUMENTALITY THEREOF

a. Attach a copy of the law, resolution, order, or other authorization under which this application is made.

() PARTNERSHIP, ASSOCIATION, OR OTHER UNINCORPORATED ENTITY

a. Attach a copy of the articles of association, partnership agreement, or other similar document creating the entity, if any.

Each partner or member must sign this application and state if he or she is a citizen of the United States, unless a resolution or similar document is attached authorizing one member to sign on behalf of the others and stating that each member is a citizen of the United States.

() INDIVIDUAL

d. I am a citizen of the United States. () yes () no

** If the required disclosure information has previously been filed with the Department, and there have been no amendments or revisions to the charter, articles of incorporation or association, partnership agreement, or bylaws, you may, in lieu of filing that information again, complete the following:

Specific reference to the previous filing by

a. Date _____

b. Place Vernal

c. Case serial number U-46500

11. MAPS -- As a minimum, a United States Geological Survey Quadrangle map or aerial photograph showing the approximate location of the right-of-way shall be submitted with this application. The authorized officer will request a survey map at the appropriate time.

I hereby certify that the statements made by me on this form are true, complete, and correct to the best of my knowledge and belief and are made in good faith.

Wm Ryan

William A. Ryan

Signature

Petroleum Engineer

Title

9-17-81

Date

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any agency of the United States any false, or fraudulent statements or representations as to any matter within its jurisdiction.

The Privacy Act of 1974 and Regulation 43 CFR 2.48(d) require that you be furnished the following information in connection with information required by this application form:

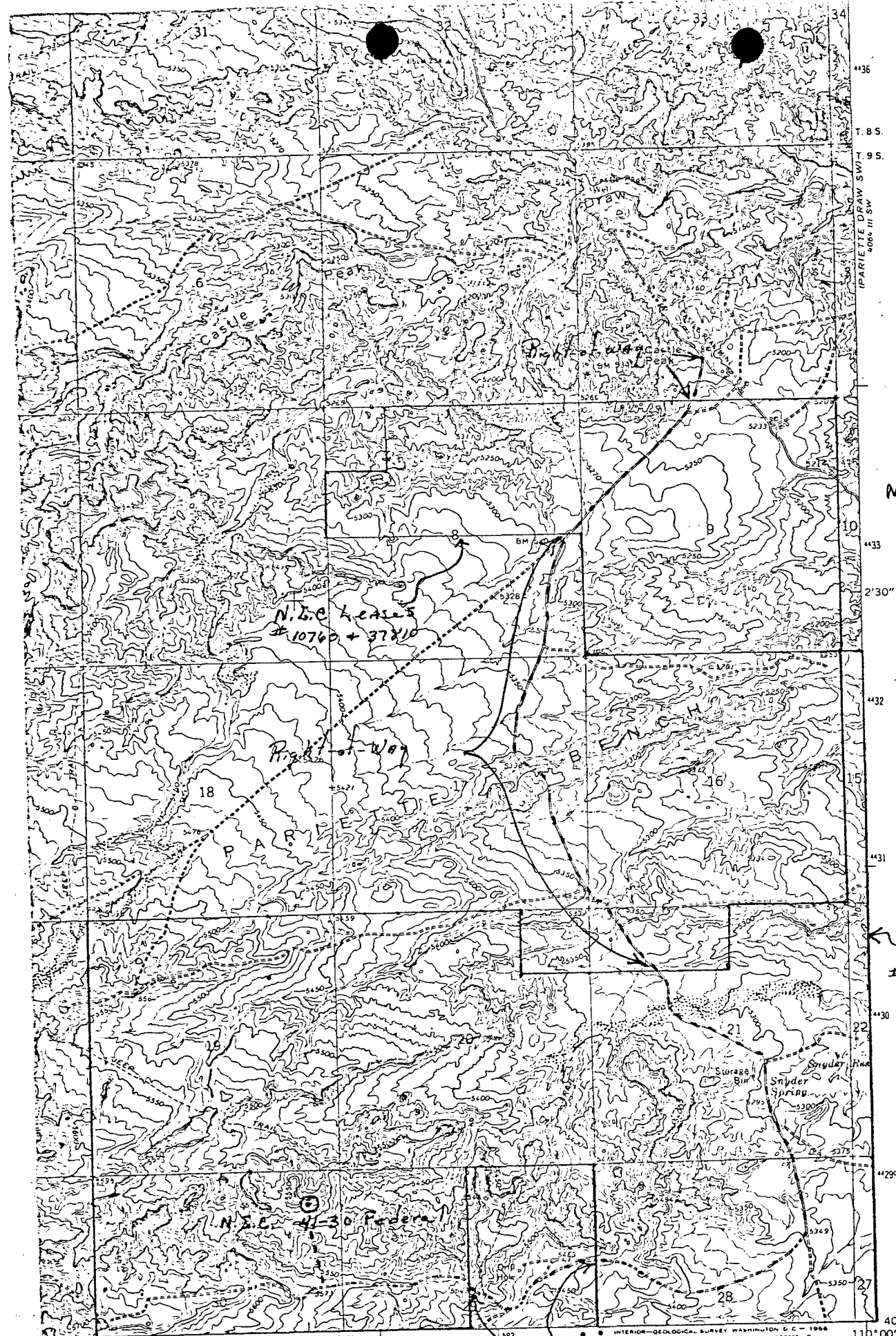
AUTHORITY: 43 U.S.C. 1701 et. seq., and 43 CFR Group 2800.

PRINCIPAL PURPOSE: The required information will be used primarily for the administration of public lands but will at all times be available to the public.

ROUTINE USES:

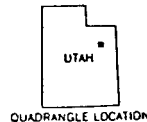
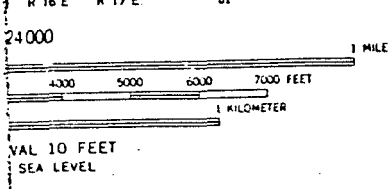
1. Adjudication of your rights to use the land and resources.
2. Documentation for public information in support of notations made on land status records for the management, disposal, and use of public lands and resources.
3. Transfer to appropriate Federal agencies when concurrence is required prior to granting a right in public lands or resources.
4. Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies when relevant to civil, criminal or regulatory investigations or prosecutions.

EFFECT OF NOT PROVIDING THE INFORMATION: Disclosure of the information is voluntary. If all the information is not provided, your application may be rejected.



MAP A.
N.E.C. # 41-30 Fed.

N.E.C. Leases
#10760, 13905, 37810,
and 11385



QUADRANGLE LOCATION

Right-of-Way
Light-duty

ROAD CLASSIFICATION
Unimproved dirt
State Route

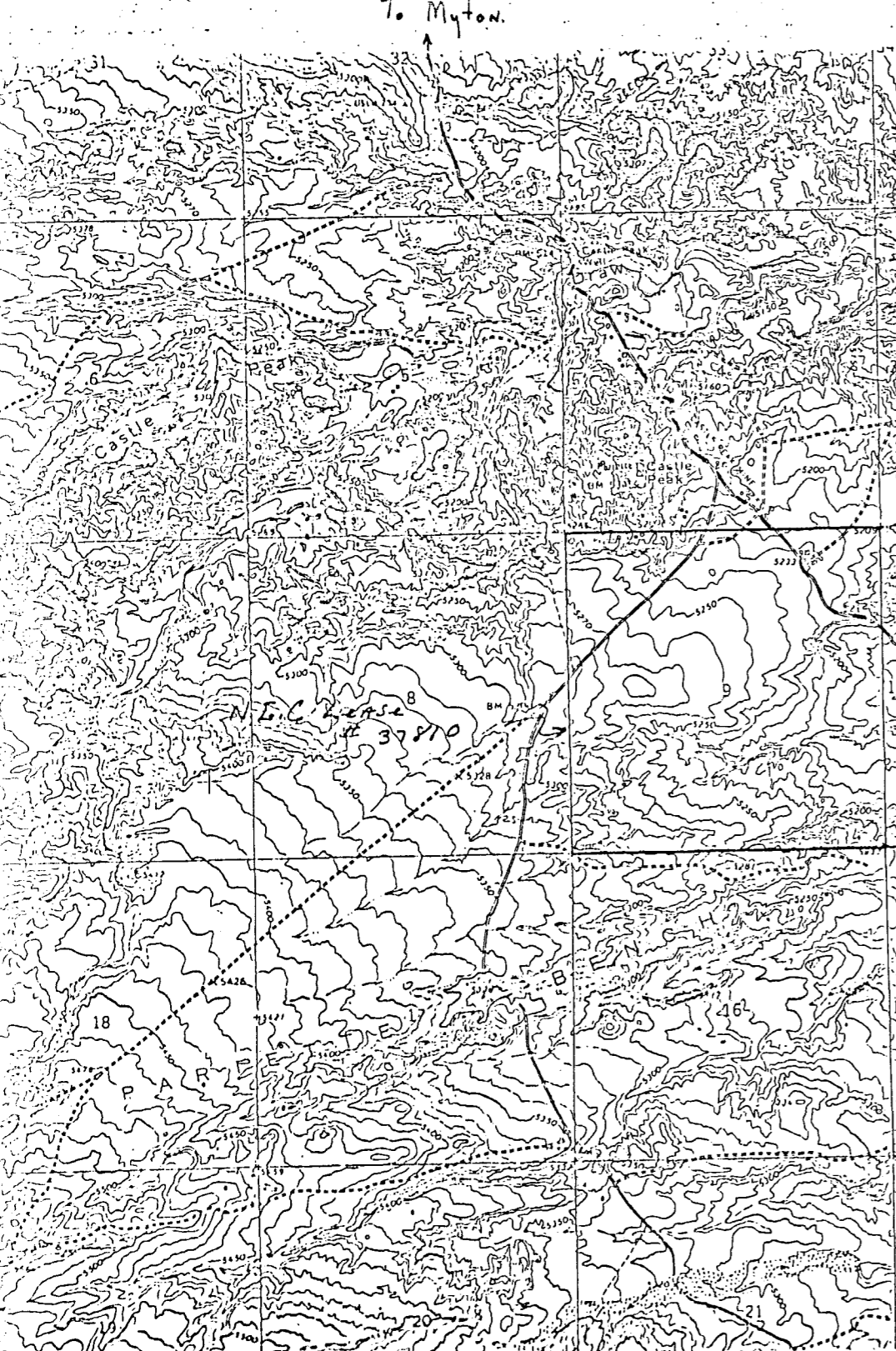
MYTON SE, UTAH
N4000—W11000/7.5

1964

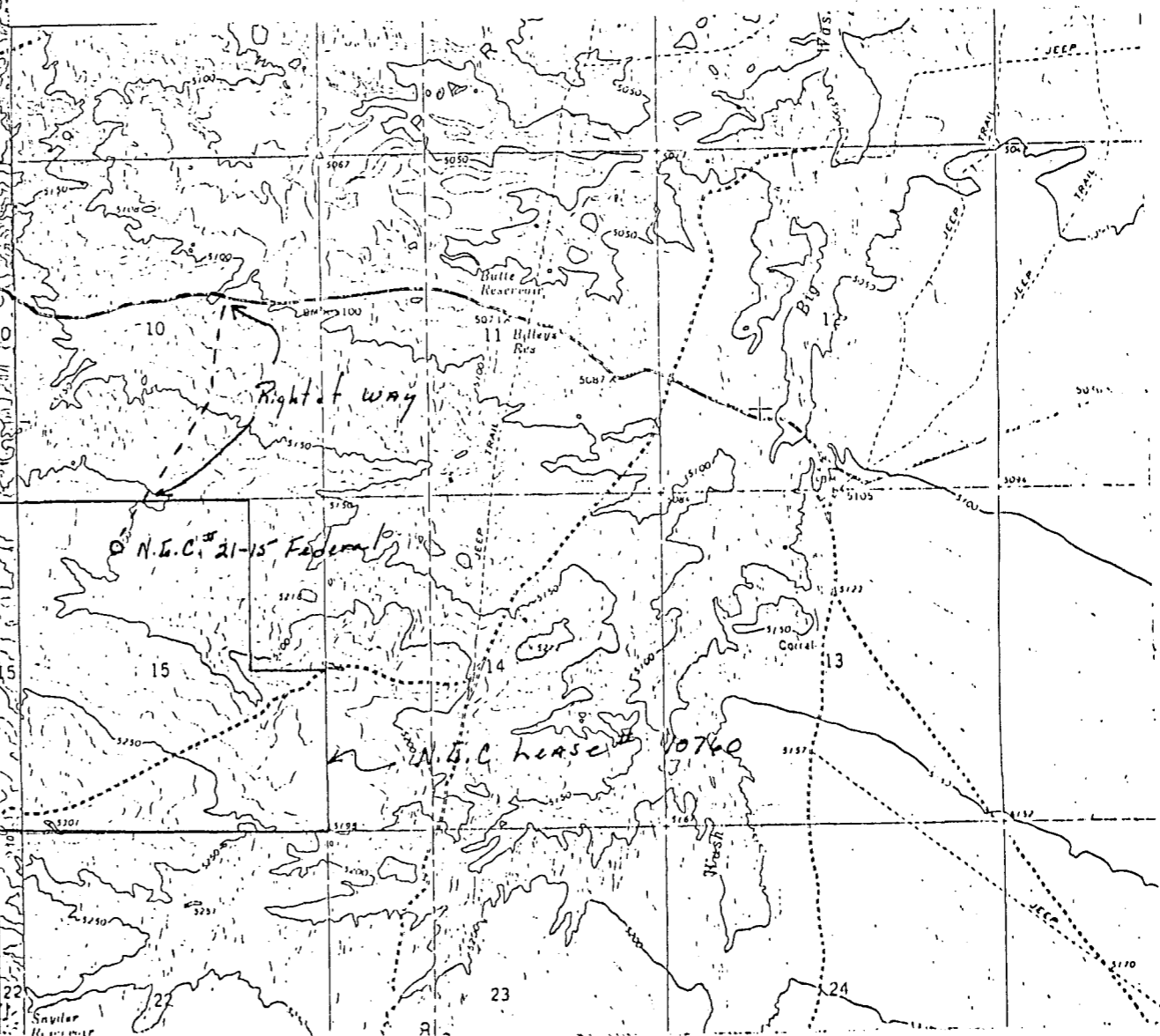
AMS 3964 II SE—SERIES V897

ALL MAP ACCURACY STANDARDS
COLORADO 80225, OR WASHINGTON, D.C. 20242
AND SYMBOLS IS AVAILABLE ON REQUEST

NOTED IN
1964
100000



Map B
N.E.C. # 21-15 Fed.



** FILE NOTATIONS **

DATE: October 15, 1981

OPERATOR: Natural Gas Corporation of Calif.

WELL NO: Federal NGC #21-15

Location: Sec. 15 T. 9S R. 17E County: Duchesne

File Prepared: ☒

Entered on N.I.D: ☒

Card Indexed: ☒

Completion Sheet: ☒

API Number 43-013-30614

CHECKED BY:

Petroleum Engineer: _____

Director: OK as per rule c-3

Administrative Aide: OK as per Rule C-3,

APPROVAL LETTER:

Bond Required: ☐

Survey Plat Required: ☐

Order No. _____

O.K. Rule C-3 ☐

Rule C-3(c), Topographic Exception - company owns or controls acreage within a 660' radius of proposed site ☐

Lease Designation fed

Plotted on Map ☐

Approval Letter Written ☐

Hot Line ☐

P.I. ☐

October 20, 1981

Natural Gas Corp. of Calif.
85 South 200 East
Vernal, Utah 84078

RE: Well No. Federal NGC #21-15,
Sec. 15, T. 9S, R. 17E,
Duchesne County, Utah

Insofar as this office is concerned, approval to drill the above referred to oil well is hereby granted in accordance with Rule C-3, General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

MICHAEL T. MINDER - Petroleum Engineer
Office: 533-5771
Home: 876-3001

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-013-30614.

Sincerely

DIVISION OF OIL, GAS AND MINING

Cleon B. Feight
Cleon B. Feight
Director

CBF/db
CC: USGS



United States Department of the Interior

IN REPLY REFER TO

T & R
U-801

BUREAU OF LAND MANAGEMENT
VERNAL DISTRICT OFFICE
170 South 500 East
Vernal, Utah 84078

October 27, 1981

Ed Guynn, District Engineer
USGS, Conservation Division
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104

Re: Joint Onsite Inspection
Natural Gas Corporation
T9S, R17E, Sec. 15 Fed. #21-15
T9S, R17E, Sec. 30 Fed. #41-30

Dear Mr. Guynn:

On October 23, 1981, a joint onsite inspection was made of the above referenced well site locations and proposed access roads by people representing Casada Construction, Ross Construction, Skewes and Hamilton Construction, Natural Gas Corporation, USGS, and the BLM. We feel that the surface use and operating plans are adequate with the following stipulations:

1. Construction and maintenance of roads, rehabilitation of disturbed areas, and construction of pipeline routes shall be in accordance with surface use standards as set forth in the booklet, "Surface Operating Standards for Oil and Gas Exploration and Development."
2. The maximum width of access roads will be 30 feet total disturbed area. Turnouts will not be required and travelling off the right-of-way will not be allowed.
3. Topsoil will be stockpiled as addressed in the applicants 13 point plan. Our office recommends the top 6-10 inches of soil materials be stockpiled.
4. The BLM will be notified at least 24 hours prior to any construction.
5. The BLM will be notified at least 24 hours prior to any rehabilitation.
6. A burn pit will not be constructed. There will be no burying of garbage or trash at the location. All trash must be contained and hauled to an approved disposal site.

7. All permanent (on site for six (6) months duration or longer) structures constructed or installed shall be painted a flat (non-reflective) earth tone color to match Tnemec 23-08351 Mesa Brown Enduratone or an approved equal. This paint is available through Republic Supply Co. in Vernal, Utah. Facilities that are required to comply with O.S.H.A. (Occupational Safety and Health Act) standards are excluded.
8. At location #41-30, the topsoil stockpile will be placed between the access road and corner #2.
9. At location #41-30, reference point #1 will be moved in 45 feet toward the center hole. The north end of the pad will follow the contour of the hill as discussed at the joint onsite.

An archaeological clearance has been conducted by Utah Archaeological Research Corporation of the proposed drill sites and access roads. No cultural materials were located on the surface of the survey areas.

The proposed activities do not jeopardize listed, threatened, or endangered flora/fauna and their habitats.

Sincerely,



Ralph Heft
Area Manager
Diamond Mountain Resource Area

cc: ✓ USGS, Vernal
Natural Gas Corporation, Vernal

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: NATURAL GAS CORPORATION OF CALIFORNIA

WELL NAME: NGC FEDERAL #21-15

SECTION SWNE 15 TOWNSHIP 9S RANGE 17E COUNTY DUCHESNE

DRILLING CONTRACTOR OLSEN DRILLING

RIG # 5

SPUDDED: DATE 07-07-82

TIME 1:15 PM

How ROTARY

DRILLING WILL COMMENCE _____

REPORTED BY KARLA HANBERG

TELEPHONE # 789-4573

DATE 07-08-82 SIGNED SLC

P1
Hortelme

NOTICE OF SPUD

Company: Natura Gas Corp. of Calif.
Caller: Carla Handburg
Phone: 789 4573

Well Number: 21-15

Location: Sec. 15 T. 9S. R. 17E

County: Duchene State: Utah

Lease Number: 44385, 440760

Lease Expiration Date: _____

Unit Name (If Applicable): _____

Date & Time Spudded: 7/7/82 1:15 P.M.

Dry Hole Spudder/Rotary: _____

Details of Spud (Hole, Casing, Cement, etc.) _____

Rotary Rig Name & Number: Olsen Drilling Rig 5

Approximate Date Rotary Moves In: 7/5/82

FOLLOW WITH SUNDRY NOTICE

Call Received By: Becky George

Date: 7/8/82

RECEIVED

JUL 09 1982

DIVISION OF
OIL, GAS & MINING

*Verneal
State Oil & Gas
Division
Denver*

**NATURAL GAS CORPORATION
OF CALIFORNIA**

85 South 200 East
Vernal, Utah 84078

July 9, 1982

Mr. E. W. Guynn
Minerals Management Service
1745 West 1700 South, Suite 2000
Salt Lake City, UT 84104

Division of Oil, Gas & Mining
4241 State Office Building
Salt Lake City, UT 84114

Re: NGC #21-15 Federal
SW NE Section 15, T.9S., R.17E.
Duchesne County, Utah
Pleasant Valley area

Gentlemen:

Attached are copies of Form 9-331, Sundry Notices and Reports on Wells,
Report of Spud Date, for the above referenced well.

Sincerely,

Rick Canterbury

Rick Canterbury
Associate Engineer

/kh

Attachment

cc: Chorney Oil Company
Paiute Oil & Mining Corp.
Operations - Denver
C. T. Clark - Denver
E. R. Henry - San Francisco
S. Furtado - San Francisco

RECEIVED
JUL 12 1982

DIVISION OF
OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well ☒ gas well ☐ other ☐

2. NAME OF OPERATOR
Natural Gas Corporation of California

3. ADDRESS OF OPERATOR
85 South 200 East, Vernal, UT 84078

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1981' FWL, 660' FNL, Section 15,
AT TOP PROD. INTERVAL: T.9S., R.17E.
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐
(other) Report of Spud

☐
☐
☐
☐
☐
☐
☐
☐
☐

5. LEASE
U-11385
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME
Federal
9. WELL NO.
NGC 21-15
10. FIELD OR WILDCAT NAME
Pleasant Valley
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Section 15, T.9S., R.17E.
12. COUNTY OR PARISH
Duchesne
13. STATE
Utah
14. API NO.
43-013-30614
15. ELEVATIONS (SHOW DF, KDB, AND WD)
5197' GR

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Operator reports the spudding of the subject well as 7-7-82 at 1:15 p.m. by Olsen Drilling Rig #5.

Spud date reported orally to Minerals Management Service, Salt Lake City, 7-8-82.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Rick Canterbury TITLE Associate Engr. DATE July 8, 1982
(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

cc: MMS; Div. OG&M: Chorney; Paiute; Operations; CTCIark; ERHenry; SFurtado

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL:				OIL WELL <input checked="" type="checkbox"/>	GAS WELL <input type="checkbox"/>	DRY <input type="checkbox"/>	Other _____		
b. TYPE OF COMPLETION:				NEW WELL <input checked="" type="checkbox"/>	WORK OVER <input type="checkbox"/>	DEEP-EN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>	DIFF. RESVR. <input type="checkbox"/>	Other _____
2. NAME OF OPERATOR Natural Gas Corporation of California									
3. ADDRESS OF OPERATOR 85 South 200 East, Vernal, UT 84078									
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1981' FWL and 660' FNL Section 15, T.9S., R.17E. At top prod. interval reported below At total depth NE / NW									
14. PERMIT NO. 43-013-30614				DATE ISSUED 10/20/81			12. COUNTY OR PARISH Duchesne		13. STATE Utah
15. DATE SPUNDED 7/7/82		16. DATE T.D. REACHED 7/16/82		17. DATE COMPL. (Ready to prod.) 11/30/82		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5211' KB, 5197' GR		19. ELEV. CASINGHEAD	
20. TOTAL DEPTH, MD & TVD 5967'		21. PLUG, BACK T.D., MD & TVD 5850'		22. IF MULTIPLE COMPL., HOW MANY* 2		23. INTERVALS DRILLED BY →		ROTARY TOOLS X	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4897'-4908', 5032'-34', 5310'-11', 5355'-57', 5442'-43', 5452'-56'								25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN DIL-GR-SP, FDC-CNL-GR-CAL, Prox Microlog, Cyber look								27. WAS WELL CORED Sidewalls	
28. CASING RECORD (Report all strings set in well)									
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE		CEMENTING RECORD	
9-5/8"		36#		500'		12-1/4"		Surface	
5-1/2"		17#		5961'		7-7/8"		925 sx	
29. LINER RECORD									
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)	
30. TUBING RECORD									
SIZE		DEPTH SET (MD)		PACKER SET (MD)					
2-7/8"		5508'							
31. PERFORATION RECORD (Interval, size and number) See attached sheet.					32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) See attached sheet.				
33.* PRODUCTION									
DATE FIRST PRODUCTION 12/01/82		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) American-228						WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 1/30/82		HOURS TESTED 24		CHOKE SIZE		PROD'N. FOR TEST PERIOD →		OIL—BBL. 47	
								GAS—MCF. 15	
								WATER—BBL. 0	
FLOW. TUBING PRESS. 0		CASING PRESSURE 30		CALCULATED 24-HOUR RATE →		OIL—BBL. 47		GAS—MCF. 15	
								WATER—BBL. 0	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Used for fuel								TEST WITNESSED BY Boyd Snow	
35. LIST OF ATTACHMENTS Geological report to follow									
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records									
SIGNED Rick Canterbury		TITLE Associate Engineer						DATE 2/14/83	

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions. If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.

38.

GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Green River	1320'	
Oil Shale Facies	1992'	
Delta Facies	3008'	
Green Shale Fac.	4050'	
Black Shale Fac.	5203'	
Green River Lime	5657'	
Wasatch	5842'	

31. Perforation Record:

5866'-5871'

16 Holes

5310'-11'

2 Holes

5355'-57'

3 Holes

5442'-43'

2 Holes

5452'-56'

5 Holes

4897'-4908'

10 Holes (1 SPF)

5032'-34'

5 Holes (2 SPF)

32. 5310'-11', 5355'-57'
5442'-43', 5452'-56'

Frac w/20,000 gal. of Versagel
and 44,000# of sand (20/40)

4897'-4908', 5032'-34'

Frac w/22,500 gal. of Versagel
and 84,000# of sand (20/40)



STATE OF UTAH
NATURAL RESOURCES & ENERGY
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

April 6, 1983

Natural Gas Corporation of California
85 South 200 East
Vernal, Utah 84078

Re: Well No. NGC Federal # 21-5-H
Sec. 15, T. 9S, R. 17E.
Duchesne County, Utah

Gentlemen:

According to our records, a "Well Completion Report" filed with this office February 14, 1983, from above referred to well, indicates the following electric logs were run: DIL-GR-SP, FDC-CNL-GR-CAL, Prox Microlog, Cyberlook. As of todays date, this office has not received these logs.

Rule C-5, General Rules and Regulations and Rules of Practice and Procedure, requires that a well log shall be filed with the Commission together with a copy of the electric and radioactivity logs.

We will be happy to acknowledge receipt of your response to this notice if you will include an extra copy of the transmittal letter with a place for our signature, and a self addressed envelope for the return. Such acknowledge-ment should avoid unnecessary mailing of a firm second notice from our agency.

Your prompt attention to the above will be greatly appreciated.

Respectfully,

DIVISION OF OIL, GAS AND MINING

Cari Furse
Well Records Specialist

CF/cf

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	7. UNIT AGREEMENT NAME
2. NAME OF OPERATOR Natural Gas Corporation of California	8. FARM OR LEASE NAME Federal
3. ADDRESS OF OPERATOR 85 South 200 East, Vernal, UT 84078	9. WELL NO. 21-15-H
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1981' FWL 660' FNL NE $\frac{1}{4}$ NW $\frac{1}{4}$	10. FIELD AND POOL, OR WILDCAT Pleasant Valley
14. PERMIT NO. 43-013-30614	11. SEC., T., R., W., OR BLK. AND SURVEY OR AREA Sec. 15, T.9S., R.17E.
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5211' KB 5197' GR	12. COUNTY OR PARISH Duchesne
	13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETION <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANE <input type="checkbox"/>
(Other) Request Temporary Surface Pit X	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Operator requests an unlined surface pit per NTL-2B, Sec. VI. The subject pit would be used as a blow down pit when the well is flow tested.

If you require additional information, please contact me at our Vernal office - telephone 789-4573.

RECEIVED
NOV 23 1984

DIVISION OF
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED

William A. Ryan
William A. Ryan

TITLE Petroleum Engineer

DATE Nov. 16, 1984

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

Federal approval of this action
is required before commencing
operations.

*See Instructions on Reverse Side



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

April 2, 1985

Natural Gas Corporation of California
85 South 200 East
Vernal, Utah 84078

Gentlemen:

RE: Review of Submitted Production and Disposition Information.

The Division staff has recently reviewed production and disposition reports submitted on several wells within Uintah County under your operatorship. The subject wells are listed on the enclosed tables, a comparison of submitted production and disposition reports on the subject wells indicate that the wells produced exactly the amount of gas used on lease each month through the year 1984. The Division staff has reasonable concern that the submitted production information is inaccurate and that proper measurements of gas production are not currently being performed.

It is requested that Natural Gas Corporation perform production tests of all the wells listed on the attached reports and that information be supplied which validates the production reported for the year 1984. The General Rules and Regulations of the Board of Oil, Gas and Mining require that measurement of all oil and gas produced from a well be performed and that such measurements be submitted in writing to the Division. Any additional information you could provide which would confirm your compliance with these Rules and Regulations would be greatly appreciated.

Your prompt consideration of this matter is appreciated. Please contact this office if you have additional questions.

Sincerely,

John R. Baza
John R. Baza
Petroleum Engineer

Enclosures
cc: R.J. Firth
Well File
0090T-65

UTAH
NATURAL RESOURCES
Oil, Gas & Mining355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Ut
84180-1203. • (801-538-5340)Page 2 of 3

MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

• NATURAL GAS CORP OF CA
85 SOUTH 200 EAST
VERNAL UT 84078
ATTN: PROD. ACCOUNTING

Utah Account No. N0700Report Period (Month/Year) 5 / 89Amended Report ☐

Well Name	Producing	Days	Production Volume		
API Number Entity Location	Zone	Oper	Oil (BBL)	Gas (MSCF)	Water (BBL)
FEDERAL 23-5-G					
4301331207 06105 09S 16E 5	GRRV				
NGC FED 32-5G					
4301330670 06110 09S 16E 5	GRRV				
FEDERAL 42-4					
4301330638 06115 09S 16E 4	GRRV				
SE FLANK UINTAH 1-28					
4304730126 06121 15S 22E 28	DKTA				
FEDERAL 24-22					
4304730610 06124 08S 22E 22	WSTC				
NGC 33-2H STATE					
4304731195 06125 09S 17E 2	GRRV				
D 23-17 SAND RIDGE					
4304730623 06126 08S 23E 17	WSTC				
STATE NGC 11-16					
4301330616 06130 09S 17E 16	GRRV				
NGC 22-20					
4304731356 06135 08S 22E 20	GRRV				
NGC 12-8H FEDERAL					
4301330680 06140 09S 17E 8	GRRV				
FED NGC 21-15					
4301330614 06145 09S 17E 15	GRRV				
NGC 24-15H FEDERAL					
4301330681 06150 09S 17E 15	GRRV				
NGC 33-18J					
4304731200 06155 09S 19E 18	GRRV				
TOTAL					

Comments (attach separate sheet if necessary) _____

I have reviewed this report and certify the information to be accurate and complete. Date _____

Authorized signature _____ Telephone _____

PLEASE COMPLETE FORMS IN BLACK INK

NGC
Energy
Company

2001 Bryan Tower
Suite 953
Dallas, Texas 75201
(214) 742-2396

RECEIVED
JUN 21 1989

June 12, 1989

Dear Operator/Vendor:

NGC Energy Company has changed its name to PG&E Resources Company and has relocated its corporate headquarters from Concord, California to Dallas, Texas. All invoices and correspondence currently mailed to Concord, California should now be addressed to:

PG&E RESOURCES COMPANY
2001 Bryan Tower, Suite 953
Dallas, TX 75201

PG&E Resources Company's Rocky Mountain Regional office will continue to operate in Vernal, Utah. Please mail all invoices and correspondence pertaining to the Rocky Mountain region to:

PG&E RESOURCES COMPANY
85 South 200 East
Vernal, UT 84078

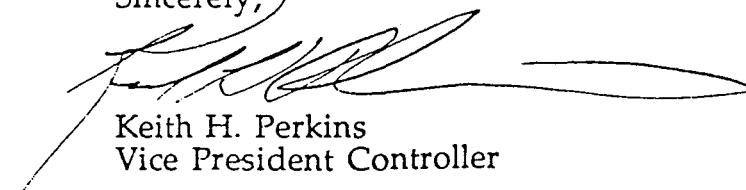
All remittances should be mailed to:

PG&E RESOURCES COMPANY
P. O. Box 840274
Dallas, Texas 75284-0274

PG&E Resources Company federal tax identifying number is 94-2882054.

Should you need any additional information, please contact Patti Sanders, Accounts Payable Supervisor.

Sincerely,


Keith H. Perkins
Vice President Controller

KHP/chs

6-26-89
NGC Energy Co. : Natural Gas Corp
of CA are one in the same
company. talked w/ Mr. Perkins
he indicated both companies
should reflect the chg. NGC Co.
will send a chg. of ops from
Natural Gas Corp to NGC. JAS

NGC
Energy
Company

OIL AND GAS	
DRN	RJF
JRB ✓	GLH
DTS	SLS
2-TAS	
3- MICROFILM ✓	
4- FILE	

85 South 200 East
Vernal, Utah 84078
(801) 789-4573

July 19, 1989

Mr. John R. Baza
Division of Oil, Gas & Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, UT 84180-1203

RECEIVED
JUL 21 1989

DIVISION OF
OIL, GAS & MINING

Re: Gas Venting in the Glen Bench and Pleasant Valley Areas

Dear Mr. Baza:

Due to the small and declining gas volumes from the following wells, we request approval to discontinue our testing schedule:

<u>Well Number</u>	<u>Date Tested</u>	<u>Volume MCFD</u>
Glen Bench 31-20	07/02/89	6.6✓
Glen Bench 13-20	07/03/89	21.6✓
Pleasant Valley 21-15-H	06/29/89	16.6✓
Pleasant Valley 24-15-H	06/26/89	6.6✓
Pleasant Valley 41-30	06/25/89	0✓
Pleasant Valley 32-29-I	06/24/89	18.3✓
Pleasant Valley 33-18-J	06/23/89	0✓
Pleasant Valley 11-16	06/22/89	6.6✓
Pleasant Valley 13-9-H	06/29/89	6.6✓
Pleasant Valley 24-9-H	06/28/89	0✓
Pleasant Valley 33-2-H	06/30/89	0✓

Attached are copies of the letter and Sundry Notice filed in July, 1988. Approval was never received from the State of Utah. I went to the BLM July 18, 1989 and talked with Jerry Kenzka, Petroleum Engineer, who approved the request for the BLM. He stated that the BLM does not require testing because of the low volumes of vented gas. He also restated the BLM's approval to vent these wells and that any testing should be regulated by the Utah Oil and Gas Commission. He also said the reason the venting of these wells was not addressed in the "Conditions of Approval", was because of the low volumes vented.

We would appreciate your attention to this matter. If I can be of further assistance, please contact me in the Vernal office at 789-4573.

Sincerely,

Clemott M. Heddleson

Clemott M. Heddleson
Production Supt.
Attachments

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other Instructions on re-
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO U-10760
2. NAME OF OPERATOR Natural Gas Corporation of California		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 85 South 200 East, Vernal, UT 84078		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1981' FWL 660' FNL NE/NW		8. FARM OR LEASE NAME Federal
14. PERMIT NO. 43-013-30614		9. WELL NO. 21-15-H
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5197' GR		10. FIELD AND POOL, OR WILDCAT Pleasant Valley
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 15, T9S, R17E
		12. COUNTY OR PARISH Duchesne
		13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT*

(Other)

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

Due to the small and declining gas volume of 16.6 MCFD from this well, we request approval to discontinue our testing schedule. If this is not acceptable, we request changing the testing schedule from monthly to yearly.

cc: Div. Oil, Gas & Mining; Stan Goodrich; Central Files-Dallas

18. I hereby certify that the foregoing is true and correct

SIGNED

Clemott M. Heddleson
Clemott M. Heddleson

TITLE Production Supt.

DATE 7/18/89

(This space for Federal or State office use)

APPROVED BY

TITLE

APPROVED DATE

CONDITIONS OF APPROVAL, IF ANY:

THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

See attachment.

*See Instructions on Reverse Side

DATE: 7-28-89
BY: John R. Bay

UTAH DIVISION OF OIL, GAS AND MINING
CONDITIONS OF APPROVAL FOR GAS VENTING OR FLARING

Natural Gas Corporation of California
Various wells listed below
Duchesne and Uintah Counties, Utah
July 28, 1989

Reference document: Letter and sundry notices dated July 19, 1989,

<u>Well Name and Number</u>	<u>Well Location</u>
Glen Bench 13-20	Sec. 20, T. 8S, R. 22E
Glen Bench 31-20	Sec. 20, T. 8S, R. 22E
State 33-2-H	Sec. 2, T. 9S, R. 17E
Federal 13-9-H	Sec. 9, T. 9S, R. 17E
Federal 24-9-H	Sec. 9, T. 9S, R. 17E
Federal 21-15-H	Sec. 15, T. 9S, R. 17E
Federal 24-15-H	Sec. 15, T. 9S, R. 17E
State 11-16	Sec. 16, T. 9S, R. 17E
Federal 41-30	Sec. 30, T. 9S, R. 17E
Federal 32-29-I	Sec. 29, T. 9S, R. 18E
Federal 33-18-J	Sec. 18, T. 9S, R. 19E

1. The operator shall accurately report all production and disposition for the listed wells including gas used on lease and gas vented or flared.
2. For the listed wells, annual stabilized production tests which reflect the normal producing conditions of each of the wells shall be considered as complying with Rule R615-2-8, Measurement of Production.

OI58/93

December 4, 1990



State of Utah
Division of Oil, Gas & Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, UT 84180-1203

RECEIVED
DEC 06 1990DIVISION OF
OIL, GAS & MINING

Re: Annual Stabilized Production Tests

Gentlemen:

Listed below are the results of the annual stabilized
production tests for all wells venting gas.

<u>Well</u>	<u>Location</u>	<u>Date</u>	<u>MCFD</u>	<u>Remarks</u>
43-047-31355-Glen Bench 13-20	20-8S-22E	11/90	20	Sold 12/1/90
43-047-31433-Glen Bench 31-20	20-8S-22E	11/90	14	Sold 12/1/90
43-047-31195-State 33-2-H	2-9S-17E	not tested		P&A 5/18/90
43-013-30616-State 11-16	16-9S-17E	not tested		P&A 5/22/90
43-013-30656-Federal 13-9-H	9-9S-17E	9/90	6	
43-013-30682-Federal 24-9-H	9-9S-17E	10/90	0	
43-013-30614-Federal 21-15-H	15-9S-17E	9/90	13	
43-013-30681-Federal 24-15-H	15-9S-17E	9/90	0	
43-013-30680-Federal 12-8-H	8-9S-17E	10/90	7	
43-013-30601-Federal 41-30	30-9S-17E	9/90	0	
43-047-21175-Federal 32-29-I	29-9S-18E	9/90	15	
43-047-21200-Federal 33-18-J	18-9S-19E	9/90	0	

If additional information is needed, please contact the Vernal
office at 801-789-4573.

Sincerely,

Michael L. McMican
Production Superintendent

MLM/kh

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
355 West North Temple, 3 Triad, Suite 350, Salt Lake City, UT 84180-1203

Page 2 of 5

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

PRODUCTION DEPT
PG&E RESOURCES COMPANY
6688 N CENTRAL EXP #1000
DALLAS TX 75206-3922

UTAH ACCOUNT NUMBER: N0595REPORT PERIOD (MONTH/YEAR): 8 / 94AMENDED REPORT ☐ (Highlight Changes)

Well Name			Producing Zone	Well Status	Days Oper	Production Volumes		
API Number	Entity	Location				OIL(BBL)	GAS(MCF)	WATER(BBL)
SE FLANK UTAH 1-28								
4304730126	06121	15S 22E 28	DKTA			40149536	*Open to McCulliss	in progress.
STOBIN FED 21-22								
4300730041	06122	12S 15E 22	MVRD			411604	*Open to McCulliss	in progress, chgd 9-31-94
✓ NGC 12-8H FEDERAL								
4301330680	06140	09S 17E 8	GRRV			✓ 410760		
✓ FED NGC 21-15								
4301330614	06145	09S 17E 15	GRRV			✓ "		
✓ NGC 24-15H FEDERAL								
4301330681	06150	09S 17E 15	GRRV			✓ "		
✓ NGC 33-18J								
4304731200	06155	09S 19E 18	GRRV			✓ 416544		
✓ FEDERAL 32-29								
4304731175	06170	09S 18E 29	GRRV			✓ 419267		
✓ NGC 24-9H FEDERAL								
4301330682	06175	09S 17E 9	GRRV			✓ 437810	*Btm Lease to	4-50750
✓ FEDERAL 13-9H								
4301330656	06185	09S 17E 9	GRRV			✓ "	"	
PTS 33-36 STATE								
4301330486	06190	11S 14E 36	WSTC			4121020	(Argyle Unit)	*Open to McCulliss in progress. chgd 11-10-94
✓ GOVERNMENT FOWLER 20-1								
4301330563	09555	09S 17E 20	GRRV			✓ 413905		
✓ FEDERAL 12-9-H								
4301330983	09830	09S 17E 9	GRRV			✓ 450750		
✓ FEDERAL NGC 22-9-H								
4301331049	10065	09S 17E 9	GRRV			✓ "		
TOTALS								

COMMENTS:

I hereby certify that this report is true and complete to the best of my knowledge.

Date: _____

Name and Signature: _____

Telephone Number: _____

State of Delaware
Office of the Secretary of State

I, EDWARD J. FREEL, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF OWNERSHIP, WHICH MERGES:

"PG&E RESOURCES OFFSHORE COMPANY", A DELAWARE CORPORATION,
WITH AND INTO "PG&E RESOURCES COMPANY" UNDER THE NAME OF
"DALEN RESOURCES OIL & GAS CO.", A CORPORATION ORGANIZED AND
EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED
AND FILED IN THIS OFFICE THE NINETEENTH DAY OF SEPTEMBER, A.D.
1994, AT 1:30 O'CLOCK P.M.

A CERTIFIED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO
THE NEW CASTLE COUNTY RECORDER OF DEEDS FOR RECORDING.



A handwritten signature in cursive script, reading "Edward J. Freel", is written over a horizontal line.

Edward J. Freel, Secretary of State

2261176 8100M

944175519

AUTHENTICATION:

7242629

DATE:

09-19-94

**CERTIFICATE OF OWNERSHIP
AND MERGER**

MERGING

**PG&E Resources Offshore Company
a Delaware corporation**

INTO

**PG&E Resources Company
a Delaware corporation**

**(Pursuant to Section 253 of the General Corporation
Law of the State of Delaware)**

PG&E Resources Company, a corporation duly organized and existing under and by virtue of the General Corporation Law of the State of Delaware ("Resources"), does hereby certify:

FIRST: That Resources and PG&E Resources Offshore Company ("Offshore") are corporations duly organized and existing under and by virtue of the General Corporation Law of the State of Delaware.

SECOND: That Resources owns all of the outstanding shares of the capital stock of Offshore.

THIRD: That the board of directors of Resources adopted the following resolutions by unanimous written consent on September 16, 1994, and that such resolutions have not been rescinded and are in full force and effect on the date hereof:

"RESOLVED, that PG&E Resources Offshore Company, a Delaware corporation ("Offshore"), which is a wholly-owned subsidiary of Resources, merge with and into Resources pursuant to Section 253 of the General Corporation Law of the State of Delaware (the "Merger"), effective as of 9:00 A.M., Wilmington, Delaware time, on October 1, 1994, and that Resources assume all of the obligations of Offshore at such time;

RESOLVED, that upon the effective time of the Merger the name of the surviving corporation shall be changed to "DALEN Resources Oil & Gas Co."; and

RESOLVED, that the President or any Vice President of Resources are hereby authorized and empowered to file with the Secretary of State of the State of Delaware a certificate of ownership and merger to effect the Merger and the name change of the surviving corporation, and the appropriate officers of Resources are hereby authorized to incur the necessary expenses therefor and to take, or cause to be taken, all such further action and to execute and deliver

or cause to be executed and delivered, in the name of and on behalf of Resources, all such further instruments and documents as any such officer may deem to be necessary or advisable in order to effect the purpose and intent of the foregoing resolutions and to be in the best interests of Resources (as conclusively evidenced by the taking of such action or the execution and delivery of such instruments and documents, as the case may be, by or under the direction of any such officer)."

FOURTH: This Certificate shall not be effective upon its filing date, but shall become effective at 9:00 A.M., Wilmington, Delaware time, on October 1, 1994 (the "Effective Date").

FIFTH: Upon the Effective Date, the name of the surviving corporation shall be changed to "DALEN Resources Oil & Gas Co."

IT WITNESS WHEREOF, Resources has caused this Certificate to be signed by its duly authorized officer this 19th day of September 1994.

PG&E RESOURCES COMPANY

By Joseph T. Williams
Name: Joseph T. Williams
Title: President

INTERLINE

RESOURCES CORPORATION

September 28, 1994

Dalen Resources Oil & Gas Company
6688 North Central Expressway
Suite 1000
Dallas, TX 75206

T. 9S, R. 17E Sec. 15
43-013-30614

Dear Sir:

We have been asked by Salty Miller in your Vernal office to give you an estimated cost for connecting you 12-8H and 21-15 wells to our gathering system. Both wells have been tested at a producing rate of 8 MCF's per day. At these volumes it is not economical for Interline to connect these wells. With that understanding we are submitting to Dalen Resources our estimated costs for connecting your well. Dalen will be billed the actual costs for construction. However, we feel the actual costs will be close to our estimates.

To connect the 12-8H, including all piping and the meter run, the estimate bid is \$2,780.00.
If this is acceptable please sign below to authorize Interline to begin construction.

Dalen Resources

By: _____

Title: _____

To connect the 21-15, including piping and meter run, the estimate bid is \$12,670.00.
If this is acceptable please sign below to authorize Interline to begin construction.

Dalen Resources

By: _____

Title: _____

Sincerely,



Fred Hammond
Mgr. Oil & Gas Operations

DALEN Resources
Oil & Gas Co.



October 5, 1994

OCT 11 1994

Lisha Romero
State Oil & Gas Office
3 Triad Center
Salt Lake City, Utah 84180-1203

Re: Company Name Change

Dear Ms. Romero:

PG&E Resources Company changed its name to DALEN Resources Oil & Gas Co. We are requesting a blanket change for all of PG&E Resources Company's properties to:

DALEN Resources Oil & Gas Co.
6688 N. Central Expressway, Suite 1000
Dallas, Texas 75206-3922

This change is effective October 1, 1994 for all records and reports filed in all districts throughout the state of Utah. I have included a listing of our Utah properties.

Also enclosed is a copy of the Certificate of the Secretary of State of Delaware regarding the name change to DALEN Resources Oil & Gas Co.

If you have any questions regarding this matter, please contact me at (214) 706-3678.

Sincerely,

A handwritten signature in cursive script that reads "Jim Johnson".

Jim Johnson
Regulatory Analyst

JJ/sw
Enclosures

cc: Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, Utah 84078

OCT 11 1994

8/24/94

WELL NAME	LOCATION	SEC-TWNSHIP-RANGE	COUNTY	LEASE NUMBER	API NO.
✓ Govt. Fowler #20-1	NW/4 NW/4	20-9S-17E	Duchesne	U-13905	43-013-30563
✓ Federal #19-1	NW/4 NW/4	19-9S-17E	Duchesne	U-13905	43013-30587
✓ Federal #41-30-H	NE/4 NE/4	30-9S-17E	Duchesne	U-11385	43-013-30601
✓ Federal #21-15-H	NE/4 NW/4	15-9S-17E	Duchesne	U-11385	43-013-30614
✓ State #11-16 (PA'd 5/90)	NW/4 NW/4	16-9S-17E	Duchesne	ML-21844	43-013-30616
✓ Federal #42-4	SE/4 NE/4	4-9S-16E	Duchesne	U-30096	43-013-30638
✓ Federal #13-9-H	NW/4 SW/4	9-9S-17E	Duchesne	U-37810	43-013-30656
✓ Federal #32-5-G	SW/4 NE/4	5-9S-16E	Duchesne	U-30096	43-013-30670
✓ Federal #31-8-H	NW/4 NE/4	8-9S-17E	Duchesne	U-10760	43-013-30679
✓ Federal #12-8-H	SW/4 NW/4	8-9S-17E	Duchesne	U-10760	43-013-30680
✓ Federal #24-15-H	SE/4 SW/4	15-9S-17E	Duchesne	U-10760	43-013-30681
✓ Federal #24-9-H	SE/4 SW/4	9-9S-17E	Duchesne	U-50750	43-013-30682
✓ Federal #21-5-G	NE/4 NW/4	5-9S-16E	Duchesne	U-30096	43-013-30698
✓ Federal #12-4-G	SW/4 NW/4	4-9S-16E	Duchesne	U-30096	43-013-30699
✓ NGC #41-8-H	NE/4 NE/4	8-9S-17E	Duchesne	U-10760	43-013-30741
✓ Federal #42-8-H (PA'd 5/90)	SE/4 NE/4	8-9S-17E	Duchesne	U-10760	43-013-30678
✓ NGC #11-9-H	NW/4 NW/4	9-9S-17E	Duchesne	U-50750	43-013-30887
✓ Federal #12-9-H	SW/4 NW/4	9-9S-17E	Duchesne	U-50750	43-013-30983
✓ Federal #22-9-H	SE/4 NW/4	9-9S-17E	Duchesne	U-50750	43-013-31049
✓ Federal #41-5-G	NE/4 NE/4	5-9S-16E	Duchesne	U-30096	43-013-31205
✓ Federal #23-9-H	NE/4 SW/4	9-9S-17E	Duchesne	U-50750	43-013-31206
✓ Federal #23-5-G	NE/4 SW/4	5-9S-16E	Duchesne	U-30096	43-013-31207
✓ Federal #24-33-B	SE/4 SW/4	33-8S-16E	Duchesne	U-49092	43-013-31214
✓ Federal #14-34-B	SW/4 SW/4	34-8S-16E	Duchesne	U-47171	43-013-31225
✓ Federal #31-4-G	NW/4 NE/4	4-9S-16E	Duchesne	U-30096	43-013-31228
✓ Federal #14-33-B	SW/4 SW/4	33-8S-16E	Duchesne	U-49092	43-013-31229
✓ Federal #43-33-B	NE/4 SE/4	33-8S-16E	Duchesne	U-49092	43-013-31240
✓ Federal #23-34-B	NE/4 SW/4	34-8S-16E	Duchesne	U-47171	43-013-31241
✓ Federal #11-4-G	NW/4 NW/4	4-9S-16E	Duchesne	U-30096	43-013-31250

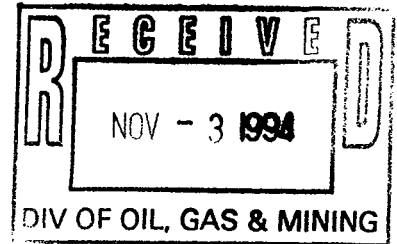
DALEN Resources
Oil & Gas Co.



October 31, 1994

Kent E. Johnson
Vice President
Exploration/Development

STATE OF UTAH NATURAL RESOURCES
OIL & GAS MINING
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
Attn: Gil Hunt



Re: Name Change
PG&E Resources Company

Gentlemen:

Effective October 1, 1994, PG&E Resources Company (PG&ER) changed its name to **DALEN** Resources Oil & Gas Co. As a result of this action, all activities previously conducted in the name of PG&E Resources Company will subsequently be conducted by **DALEN** Resources Oil & Gas Co.. No changes in ownership, personnel, office address, telephone numbers, or business practices were caused by this name change.

Please revise your records by replacing PG&E Resources Company or PG&E Resources Offshore Company with **DALEN** Resources Oil & Gas Co.

Very truly yours,

A handwritten signature in cursive script that reads "John R. Wingert".

John R. Wingert
Exploration Manager
Northern Division

JRW:lkd

Bureau of Land Management
Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

3100
U-01470A
(UT-923)

NOV 28 1994

CERTIFIED MAIL---Return Receipt Requested

DECISION

DALEN Resources Oil & Gas Co.	:	
6688 N. Central Expwy., #1000	:	Oil and Gas
Dallas, Texas 75206	:	U-01470A et al

Corporate Name Change Recognized

Acceptable evidence has been received in this office concerning the change of name of PG&E Resources Company to DALEN Resources Oil & Gas Co. on Federal oil and gas leases.

The oil and gas lease files identified on the enclosed exhibit have been noted as to the name change. We are notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the name change by a copy of this decision. If additional documentation for changes of operator are required by our field offices, you will be contacted by them.

A rider to the Nationwide Bond No. U1870111 (BLM Bond No. WY2554) has been filed in the Wyoming State Office, in order to change the name of the principal on the bond. It has been examined and found to be satisfactory by that office.

/s/ ROBERT LOPEZ

Chief, Minerals
Adjudication Section

Enclosure
Exhibit

bc: Moab District Office w/encl.
Vernal District Office w/encl.
MMS-Data Management Division, Denv
UT-922 (Teresa Thompson) w/encl.

Post-It™ brand fax transmittal memo 7671		# of pages ▶ 2
To	LISHA CARDONA	From
Co.	STATE OF UTAH	Co.
Dept.	OIL & GAS	Phone #
Fax #	359-3940	Fax #

CMerritt:dab 11/25/94 (U01470A)

List of Leases Affected

U-01470A	U-6632	UTU-65615	UTU-68631
U-01790	U-6634	UTU-66004	UTU-69024
U-02896A	U-7206	UTU-66027	UTU-69166
U-03505	U-10291	UTU-66033	UTU-69482
U-03576	U-10760	UTU-66184	UTU-69744
U-013429A	U-11385	UTU-66185	UTU-72104
U-013765	U-12942	UTU-66187	UTU-73087
U-013766	U-13905	UTU-66193	UTU-73089
U-013767	U-14236	UTU-66484	UTU-73433
U-013769	U-15392	UTU-66743	UTU-73512
U-013769A	U-16172	UTU-67168	U-47453 ROW
U-013769B	U-16535	UTU-67841	U-49204 ROW
U-013769C	U-16539	UTU-67857	U-49205 ROW
U-013792	U-16544	UTU-67996	U-49223 ROW
U-013793	U-17036	UTU-67997	U-49236 ROW
U-013793A	U-17424	UTU-68108	U-49243 ROW
U-013794	U-19267	UTU-68109	U-50487 ROW
U-013818A	U-30096	UTU-68316	U-50488 ROW
U-013820	U-39221	UTU-68328	U-50497 ROW
U-013821A	U-39713	UTU-68330	U-50806 ROW
U-017713	U-39714	UTU-68338	U-50809 ROW
U-035316	U-40026	UTU-68346	U-50825 ROW
U-037164	U-46825	UTU-68347	U-50833 ROW
U-0141644	U-47171	UTU-68348	U-53910 ROW
U-0143519	U-49092	UTU-68388	U-54803 ROW
U-0143520A	U-50750	UTU-68402	U-61946 ROW
U-0143521A	U-52765	UTU-68544	U-63969 ROW
U-0147541	U-55626	UTU-68548	UTU-69111 ROW
U-0147541A	U-58546	UTU-68619	
U-2838	U-61052	UTU-68624	
U-6610	U-61189	UTU-68625	
U-6612	U-62657	UTU-68626	
U-6615	UTU-65218	UTU-68627	

U-034217A *Confirmed BLM/SL
11-29-94. Lee

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Attach all documentation received by the division regarding this change.
Initial each listed item when completed. Write N/A if item is not applicable.

Routing:

1	LEC/GIL
2	LWP 7-PL
3	DT 18-SJ
4	VLG/S-FILE
5	RJF
6	LWP

☒ Change of Operator (well sold)

☐ Designation of Agent

☐ Designation of Operator

☒ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 10-1-94)

TO (new operator)	DALEN RESOURCES OIL & GAS CO.	FROM (former operator)	PG&E RESOURCES COMPANY
(address)	6688 N CENTRAL EXP STE 1000	(address)	6688 N CENTRAL EXP STE 1000
	DALLAS TX 75206-3922		DALLAS TX 75206-3922
phone (<u>214</u>)	<u>750-3800</u>	phone (<u>214</u>)	<u>750-3800</u>
account no.	<u>N3300 (11-29-94)</u>	account no.	<u>N0595</u>

Well(s) (attach additional page if needed):

***WELLS DRAW (GRRV) UNIT**

***WEST WILLOW CREEK UNIT**

Name: **SEE ATTACHED**	API: <u>01330614</u>	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- Lee 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(Rec'd 10-3-94)*
- Lee 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). *(Rec'd 10-3-94)*
- Lee 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes) (no) ____ If yes, show company file number: #FN001519. "Dalen Resources Corp." eff. 6-15-94.
- Lee 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- Lee 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(11-29-94)*
- Sup 6. Cardex file has been updated for each well listed above. *12-7-94*
- Sup 7. Well file labels have been updated for each well listed above. *12-8-94*
- Lee 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(11-29-94)*
- Lee 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- Lec* 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) (no) (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A* 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (~~Fee wells only~~) *Surety U1870145/80,000 "Rider to Daken" rec'd 10-3-94.*
**Trust Land/Ed "Rider" Appr. 10-5-94 # U2164274/80,000.*

- Lec* 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
2. A copy of this form has been placed in the new ^{*Upon compl. of routing.*} and former operators' bond files.
- Lec* 3. The former operator has requested a release of liability from their bond (yes/no) ____.
- N/A* Today's date _____ 19____. If yes, division response was made by letter dated _____ 19____.

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A* 1. (Rule R615-2-10) The former operator/lessee of any **fee lease** well listed above has been notified by letter dated _____ 19____, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.

DD 2. Copies of documents have been sent to State Lands for changes involving State leases.
2/8/94 to Ed Bonner

FILMING

- ✓* 1. All attachments to this form have been microfilmed. Date: December 15 1994.

FILING

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

9/11/08 Btm/S.Y. Not Appr. yet!

9/11/25 " Appr.'d.

**ENSERCH
EXPLORATION_{INC}**

4849 Greenville Ave., Suite 1200
Dallas, Texas 75206-4186
214/369-7893

January 11, 1996

Bureau of Land Management
Utah State Office
324 South State
Salt Lake City, UT 84111

Attention: Mr. Chris Merritt

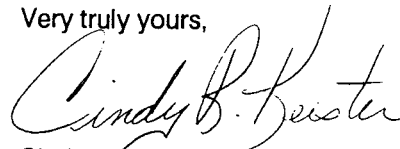
RE: Operator Name Change

Dear Mr. Merritt:

DALEN Resources Oil & Gas Co. has been merged into Enserch Exploration, Inc. effective January 1, 1996. Attached is a list of the properties that were operated by DALEN Resources and a copy of the Certificate of Merger from the Secretary of the State of Texas. Please change the operator name on these properties. Enserch Exploration, Inc. operates under Nationwide Bond No. 203826, BLM assigned No. MT-0680.

If you have any questions or need further information, please contact the undersigned at (214) 987-6363.

Very truly yours,



Cindy R. Keister
Regulatory Compliance Specialist

CRK/ck

Attachments

cc: Vernal BLM Office w/attachments

UTAH WELLS
ENSERCH EXPLORATION, INC.

1/11/96

UNIT	WELL		LSE NO.	API NO.	QTR	SEC.	TWN	RANGE	COUNTY
**	Federal	21- 9H	U-50750	✓43-013-31458	NE NW	9	9S	17E	Duchesne
**	Federal	22- 9H	U-50750	✓43-013-31049	SE NW	9	9S	17E	Duchesne
**	Federal	23- 9H	U-50750	✓43-013-31206	NE SW	9	9S	17E	Duchesne
**	Federal	24- 9H	U-50750	✓43-013-30682	SE SW	9	9S	17E	Duchesne
**	Federal	33- 9H	U-61052	✓43-013-31108	NW SE	9	9S	17E	Duchesne
	Federal	19- 1	U-13905	✓43-013-30563	NW NW	19	9S	17E	Duchesne
	Govt. Fowler	20- 1	U-13905	✓43-013-30563	NW NW	20	9S	17E	Duchesne
	Federal	41- 30H	U-11385	✓43-013-30601	NE NE	30	9S	17E	Duchesne
	Federal	21- 15H	U-11385	✓43-013-30614	NE NW	15	9S	17E	Duchesne
***	Federal	3- 24B	UTU-68625	✓43-047-32671	NE NW	24	9S	19E	Uintah
***	Federal	5- 24B	UTU-68625	✓43-047-32447	SW NW	24	9S	19E	Uintah
***	Federal	11- 24B	UTU-68625	✓43-047-32223	NE SW	24	9S	19E	Uintah
***	Federal	13- 24B	UTU-68625	✓43-047-32418	SW SW	24	9S	19E	Uintah
***	Federal	15- 24B	UTU-68625	✓43-047-32420	SW SE	24	9S	19E	Uintah
***	Federal	3- 25B	UTU-	✓43-047-32417		25	9S	19E	Uintah
***	Federal	7- 25B	UTU-	✓43-047-30406		25	9S	19E	Uintah
✓***	Federal	1- 26B	UTU-68625	43-047-32248	NE NE	26	9S	19E	Uintah
***	Federal	13- 26B	UTU-68625	✓43-047-32237	SW SW	26	9S	19E	Uintah
	Federal	41- 29I	U-19267	✓43-047-32495	NE NE	29	9S	18E	Uintah
	Federal	33- 18J	U-16544	✓43-047-31200	NW SE	18	9S	19E	Uintah
	Federal	24- 34D	U-58546	✓43-047-31637	SE SW	34	8S	18E	Uintah
	State	2- 32B	ML-45172	✓43-047-32221	NW NE	32	9S	18E	Uintah
	State	5- 36B	ML-45173	✓43-047-32224	SW NW	36	9S	19E	Uintah
	State	9- 36A	ML-45171	✓43-047-32225	NE SE	36	9S	19E	Uintah
	State	9- 36B	ML-45173	✓43-047-32249	NE SE	36	9S	19E	Uintah
	State	31- 32D	ML-22058	✓43-047-32479	NW NE	32	8S	18E	Uintah
	State	1-16	ML-46694	✓43-013-15582	SWSW	16	9S	17E	Duchesne

- * Wells Draw Unit BLM Unit No. UTU72613A
 ** Pleasant Valley Unit BLM Unit No. UTU74477X
 *** West Willow Creek Unit BLM Unit No. UTU73218X

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

FEB 12 1996

IN REPLY REFER TO:
3100
U-01470A et al
UT-923

FEB 09 1996

NOTICE

Enserch Exploration, Inc.	:	Oil and Gas
4849 Greenville Ave., Suite 1200	:	U-01470A et al
Dallas, Texas 75206-4186	:	

Merger Recognized

Acceptable evidence has been filed in this office concerning the merger of DALEN Resources Oil & Gas Co. into Enserch Exploration, Inc. with Enserch Exploration, Inc. being the surviving entity.

For our purposes, the merger is recognized effective December 31, 1995 (Secretary of State's approval date).

The oil and gas lease files identified on the enclosed exhibit have been noted as to the merger. We are notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice. If additional documentation for changes of operator are required by our Field offices, you will be contacted by them.

If you identify other leases in which the merging entity maintains an interest, please contact this office and we will appropriately document those files with a copy of this notice.

By recognition of the merger, the principal/obligor is automatically changed by operation of law from DALEN Resources Oil & Gas Co. to Enserch Exploration, Inc. on Bond No. U1870111 (BLM Bond No. WY2554). This is a nationwide bond held in the Wyoming State Office. Enserch Exploration, Inc. has a nationwide bond, No. 203826 (BLM Bond No. MT0680) on file in the Montana State Office. Only one of the bonds is required to cover liabilities for lease obligations. However, both bonds will remain in effect until the principal/obligor advises the appropriate BLM State Office which bond it wishes to maintain and which bond it wishes to have the period of liability terminated. A rider, assuming any and all liabilities of the bond you wish to terminate must be submitted for approval to the appropriate BLM State Office. If you have any questions concerning the bonding, please contact Irene Anderson at (801) 539-4108.

/s/ ROBERT LOPEZ

Chief, Branch of Mineral
Leasing Adjudication

Enclosure

1. Exhibit (1p)

bc: State of Utah, Division of Oil, Gas & Mining, Attn: Lisha Cordova,
3 Triad Center, Suite 350, Salt Lake City, Utah 84180-1204
MMS-Data Management Division, MS 3113, P.O. Box 5860, Denver, CO 80217
Moab District Office
Vernal District Office
Teresa Thompson (UT-920)
Irene Anderson (UT-923)

Exhibit of Leases

U-01470A	U-0143521A	U-52765	UTU-68328
U-01790	U-0147541	U-55626	UTU-68330
U-02896A	U-0147541A	U-58546	UTU-68338
U-03505	U-2838	U-61052	UTU-68346
U-03576	U-7206	U-61189	UTU-68347
U-013429A	U-10291	U-62657	UTU-68348
U-013765	U-10760	UTU-65218	UTU-68388
U-013766	U-11385	UTU-65472	UTU-68402
U-013767	U-13905	UTU-65615	UTU-68544
U-013769	U-14236	UTU-65949	UTU-68548
U-013769A	U-15392	UTU-66004	UTU-68619
U-013769B	U-16535	UTU-66027	UTU-68624
U-013769C	U-16539	UTU-66033	UTU-68625
U-013792	U-16544	UTU-66184	UTU-68626
U-013793	U-17036	UTU-66185	UTU-68627
U-013793A	U-17424	UTU-66193	UTU-68631
U-013794	U-19267	UTU-66484	UTU-69024
U-013818A	U-30096	UTU-66743	UTU-69166
U-013820	U-39221	UTU-67168	UTU-69482
U-013821A	U-39713	UTU-67841	UTU-72104
U-017713	U-39714	UTU-67857	UTU-73087
U-035316	U-40026	UTU-67996	UTU-73089
U-037164	U-47171	UTU-67997	UTU-73433
U-0141644	U-49092	UTU-68108	UTU-73512
U-0143519	U-50750	UTU-68109	UTU-74805
U-0143520A	U-51081	UTU-68316	UTU-74806
U-034217A	U-07978	UTU-72108	UTU-74872

Wells Draw Unit (UTU-72613A)
West Willow Creek Unit (UTU-73218X)
Pleasant Valley Unit (UTU-74477X)



The State of Texas

SECRETARY OF STATE CERTIFICATE OF MERGER

The undersigned, as Secretary of State of Texas, hereby certifies that the attached Articles of Merger of

DALEN CORPORATION
a Delaware no permit corporation
with
ENSERCH EXPLORATION, INC.
a Texas corporation

have been received in this office and are found to conform to law. ACCORDINGLY, the undersigned, as Secretary of State, and by virtue of the authority vested in the Secretary by law, hereby issues this Certificate of Merger.

Dated December 19, 1995.

Effective December 31, 1995 04:55 PM



1077.

Antonio O. Garza, Jr.
Secretary of State

**ARTICLES OF MERGER OF
DALEN Corporation
INTO
Enserch Exploration, Inc.**

FILED
In the Office of the
Secretary of State of Texas

DEC 19 1995

Corporations Section

Pursuant to the provisions of Article 5.16 of the Texas Business Corporation Act, Enserch Exploration, Inc., a corporation organized under the laws of the State of Texas ("Parent Corporation"), and owning at least ninety percent of the shares of DALEN Corporation, a corporation organized under the laws of the State of Delaware ("Subsidiary Corporation"), hereby executes the following Articles of Merger:

1. The name of the Parent Corporation is Enserch Exploration, Inc. The name of the Subsidiary Corporation is DALEN Corporation. Enserch Exploration, Inc. is incorporated in Texas, and DALEN Corporation is incorporated in Delaware.
2. The following is a copy of resolutions of the Board of Directors of Enserch Exploration, Inc. or Parent Corporation ("Enserch") adopted on December 5, 1995:

"WHEREAS Section 5.16 of the Texas Business Corporation Act permits short-form mergers if the subsidiary is a foreign corporation and the parent is a Texas corporation, provided that this procedure is permitted by the laws of the foreign corporation's jurisdiction of incorporation and

"WHEREAS Section 253 of the General Corporation Law of Delaware provides for short-form mergers between a domestic subsidiary corporation and a foreign parent corporation,

"RESOLVED, That DALEN Corporation, a Delaware corporation ('DALEN'), which is a wholly-owned subsidiary of Enserch, merge with and into Enserch Exploration, Inc. pursuant to Section 5.16 of the Texas Business Corporation Act (the 'Merger'), effective as of 4:55 P.M., Dallas, Texas time, on December 31, 1995, and that Enserch Exploration, Inc. assume all of the obligations of DALEN at such time; and

"FURTHER RESOLVED, That the proper officers of this Company are hereby authorized and empowered to file with the Secretary of State of the State of Texas Articles of Merger and with the Secretary of State of Delaware a Certificate of Ownership and Merger to effect the Merger of DALEN into this Company and to take, or cause to be taken, all such further action and to execute and deliver or cause to be executed and delivered, in the name of and on behalf of this Company, all such further instruments and documents as any such officer may deem to be necessary or advisable in order to effect the purpose and intent of the foregoing resolutions and to be in the best interests of this Company (as conclusively evidenced by the taking of such action or the execution and delivery of such instruments and documents, as the case may be, by or under the direction of any such officer)."

3. The number of outstanding shares of each class of the Subsidiary Corporation and the number of shares of each class owned by the surviving Parent Corporation is:

Company	Class	No. of Shares Outstanding	No. of Shares Owned by Parent Corporation
Subsidiary Corporation	Common	100	100

4. The laws of Delaware, the jurisdiction under which Subsidiary Corporation is organized, permit such a merger.

Dated this 12th day of December, 1995.

ENSERCH EXPLORATION, INC.

By: J. W. Pinkerton
Name: J. W. Pinkerton
Title: Vice President and Controller,
Chief Accounting Officer



The State of Texas

SECRETARY OF STATE

I, ANTONIO O. GARZA, JR., Secretary of State of Texas, DO HEREBY CERTIFY that Articles of Merger of **ENSERCH EXPLORATION, INC.** (Charter No. 1323890-00), a **TEXAS** corporation, and **DALEN CORPORATION**, a **DELAWARE** (No Permit) corporation, were filed in this office on **DECEMBER 19, 1995**, for which a certificate of merger was issued; and that according to the terms of the merger the surviving corporation is **ENSERCH EXPLORATION, INC.**, a **TEXAS** corporation.



IN TESTIMONY WHEREOF, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in the City of Austin, on December 19, 1995.

1077.

Antonio O. Garza, Jr.
Secretary of State

MAC

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

(MERGER)

Routing:

1-LEC / CHM
2-DTS/ST-FILM
3-VLD-8-FILE
4-RJF
5-LEC
6-SJ

Attach all documentation received by the division regarding this change.

Initial each listed item when completed. Write N/A if item is not applicable.

☒ Change of Operator (well sold)

☐ Designation of Agent

☐ Designation of Operator

☐ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 1-1-96)

TO (new operator) **ENSERCH EXPLORATION INC**
 (address) **4849 GREENVILLE AVE STE 1200**
DALLAS TX 75206
CINDY KEISTER
 phone (214) **987-6353**
 account no. **N4940 (1-29-96)**

FROM (former operator) **DALEN RESOURCES OIL & GAS**
 (address) **6688 N CENTRAL EXP #1000**
DALLAS TX 75206-3922
CINDY KEISTER
 phone (214) **987-6353**
 account no. **N3300**

Well(s) (attach additional page if needed):

Name: ** SEE ATTACHED **	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- 1 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(Rec'd 1-22-96)*
- 2 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). *(Rec'd 1-22-96)*
- 3 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) ____ If yes, show company file number: #171513. *(ref. 1-4-95)*
- 4 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of **Federal and Indian** well operator changes should take place prior to completion of steps 5 through 9 below.
- 5 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(2-12-96)*
- 6 6. Cardex file has been updated for each well listed above. *(2-12-96)*
- 7 7. Well file labels have been updated for each well listed above. *(2-12-96)*
- 8 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(2-12-96)*
- 9 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- LC* 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A* 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (~~Fee wells only~~) *Trustlands / Bond & Lease update in progress!*

- LC* 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
- N/A* 2. A copy of this form has been placed in the new and former operators' bond files.
- N/A* 3. The former operator has requested a release of liability from their bond (yes/no) no. Today's date 19 . If yes, division response was made by letter dated 19 .

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A* 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated 19 , of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- N/A* 2. Copies of documents have been sent to State Lands for changes involving State leases.

FILMING

- SDR* 1. All attachments to this form have been microfilmed. Date: March 14 1996.

FILING

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

960212 BLM/SL Appr. eH. 12-31-95.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reenter a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

ENSERCH EXPLORATION, INC.

3. Address and Telephone No.

85 SOUTH 200 EAST, VERNAL, UT 84078 801-789-4573

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

660' FNL & 1981' FWL NE/NW SEC. 15, T9S, R17E

5. Lease Designation and Serial No.

UTU 10760

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA, Agreement Designation

N/A

8. Well Name and No.

FEDERAL 21-15H

9. API Well No.

43-013-30614

10. Field and Pool, or Exploratory Area

PLEASANT VALLEY

11. County or Parish, State

DUCHESNE, UTAH

12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment
☒ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☐ Other _____
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

OPERATOR PROPOSES TO PERFORATE INTERVALS AT 3874' TO 3889' AND 4502' TO 4515'.

THE NEW ZONES WILL BE SAND FRACTURE STIMULATED AND COMMINGLED WITH THE EXISTING INTERVALS.

Copies: Original & 2-BLM; Div. OG&M; SReed-Midland; JHeinze-Bridgeport

14. I hereby certify that the foregoing is true and correct

Signed

[Signature]

Title SR. PROD. SUPERVISOR

Date 03/18/97

(This space for Federal or State office use)

Approved by _____

Accepted by the
Title _____
Division of _____

Date _____

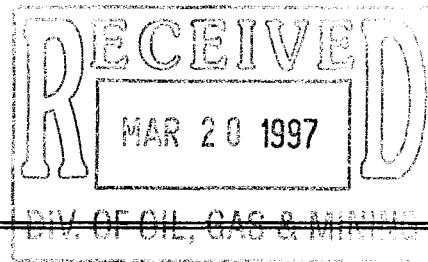
Conditions of approval, if any: _____

Oil, Gas and Mining

FOR RECORD ONLY

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

***See Instructions on Reverse Side**



STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801

Page 1 of 3

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

JOHN W PEARCE
ENSERCH EXPLORATION INC
6688 N CENTRAL EXP #1000
DALLAS TX 75206-3922

UTAH ACCOUNT NUMBER: N4940REPORT PERIOD (MONTH/YEAR): 8 / 97AMENDED REPORT ☐ (Highlight Changes)

Well Name API Number Entity Location	Producing Zone	Well Status	Days Oper	Production Volumes		
				OIL(BBL)	GAS(MCF)	WATER(BBL)
✓ FRED MORRIS FED 19-1						
4301330587 00451 09S 17E 19	GRRV			U-13905		
FEDERAL 14-4H						
4301330671 01215 09S 17E 4	GRRV			U-7978	Pleasant Valley Unit	
FEDERAL 34-5H						
4301330721 02041 09S 17E 5	GRRV			U-020252	"	
CASTLE PEAK FEDERAL 43-5						
4301330858 02043 09S 16E 5	GR-WS			U-034217-A	Wells Draw Unit	
FEDERAL 32-8H						
4301330542 06057 09S 17E 8	GRRV			U-10760	Pleasant Valley Unit	
NGC 41-8H						
4301330741 06085 09S 17E 8	GRRV			U-10760	"	
✓ J 41-30						
4301330601 06095 09S 17E 30	GRRV			U-11385		
NGC 12-4G						
4301330699 06100 09S 16E 4	GRRV			U-30096	Wells Draw Unit	
NGC FED 21-5G						
4301330698 06105 09S 16E 5	GRRV			U-30096	"	
FEDERAL 23-5-G						
4301331207 06105 09S 16E 5	GRRV			U-30096	"	
FEDERAL 42-4						
4301330638 06115 09S 16E 4	GRRV			U-30096	"	
NGC 12-8H FEDERAL						
4301330680 06140 09S 17E 8	GRRV			U-10760	Pleasant Valley Unit	
✓ FED NGC 21-15						
4301330614 06145 09S 17E 15	GRRV			U-10760		
TOTALS						

COMMENTS:

I hereby certify that this report is true and complete to the best of my knowledge.

Date: _____

Name and Signature: _____

Telephone Number: _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. -

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Inland Production Company

3. Address and Telephone No.

475 17th Street, Suite 1500, Denver, Colorado 80202 (303) 292-0900

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

660' FNL & 1981' FWL NE/4 NW/4 Sec. 15, T9S-R17E

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

5. Lease Designation and Serial No.

U-74805

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

NA

8. Well Name and No.

Federal 21-15H

9. API Well No.

43-013-30614

10. Field and Pool, or Exploratory Area

Monument Butte

11. County or Parish, State

Duchesne County, Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

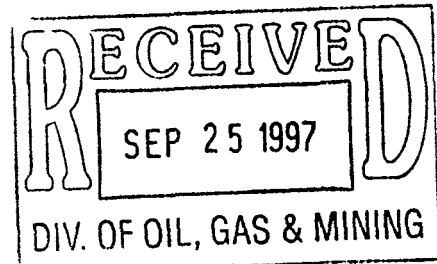
- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Change of Operator
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water
(Note: Report results of multiple completion on Well)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Inland Production Company assumes operations of the above mentioned well effective August 16, 1997. Inland Production Company operates under BLM Bond No. UT0056.



14. I hereby certify that the foregoing is true and correct

Signed [Signature] Title Attorney-In-Fact Date 08/14/1997

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

CC: UTAH DOGM

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. —

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

ENSERCH EXPLORATION INC.

3. Address and Telephone No.

4849 Greenville Avenue, Suite 1200, Dallas, Texas 75206-4186 (214) 369-7893

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

660' FNL & 1981' FWL NE/4 NW/4 Sec. 15, T9S-R17E

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

5. Lease Designation and Serial No.

U-74805

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

NA

8. Well Name and No.

Federal 21-15H

9. API Well No.

43-013-30614

10. Field and Pool, or Exploratory Area

Monument Butte

11. County or Parish, State

Duchesne County, Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

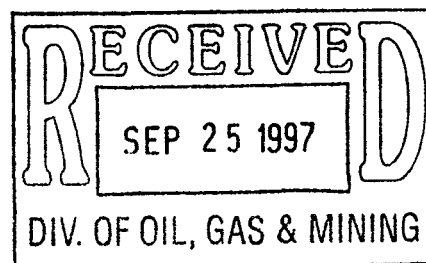
☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment

TYPE OF ACTION

☐ Abandonment ☐ Change of Plans
☐ Recompletion ☐ New Construction
☐ Plugging Back ☐ Non-Routine Fracturing
☐ Casing Repair ☐ Water Shut-Off
☐ Altering Casing ☐ Conversion to Injection
☒ Other Change of Operator ☐ Dispose Water
(Note: Report results of multiple completion on Well)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Enserch Exploration Inc. has sold its interest in the Federal #21-15H to Inland Production Company and relinquishes operations effective August 16, 1997. Inland Production Company operates under BLM Bond No. UT0056.



14. I hereby certify that the foregoing is true and correct

Signed [Signature] Title Sr. Production Analyst Date 08/14/1997

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

CC: UTAH DOGM

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Vernal District Office

170 South 500 East

Vernal, Utah 84078-2799

Phone: (801) 781-4400

Fax: (801) 781-4410

IN REPLY REFER TO:

3162.3

UT08438

October 23, 1997

Inland Production Company
475 17th Street, Suite 1500
Denver, CO 80202

Re: Well No. Federal 21-15H
NENW, Sec. 15, T9S, R17E
Lease U-74805
Duchesne County, Utah

Dear Sir:

This correspondence is in regard to the self-certification statement submitted requesting a change in operator for the referenced well. After a review by this office, the change in operator request is approved. Effective immediately, Inland Production Company is responsible for all operations performed on the referenced well. All liability will now fall under your bond, BLM Bond No. UT0056, for all operations conducted on the referenced well on the leased land.

If you have any other questions concerning this matter, please contact Margie Herrmann or Pat Sutton of this office at (435) 781-4400.

Sincerely,

Howard B. Cleavinger II
Assistant Field Manager,
Minerals Resources

cc: ~~Division of Oil, Gas & Mining~~
Enserch Exploration Inc.
Key Production Company Inc
Realty Division
Inland - Vernal

OPERATOR CHANGE WORKSHEET

Attach all documentation received by the division regarding this change.

Initial each listed item when completed. Write N/A if item is not applicable.

1-LEC	6-LEC
2-GLH	7-KAS
3-DEPTCS	8-SI
4-VLD	9-FILE
5-JRB	

- ☒ Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator ☐ Operator Name Change Only

The operator of the well(s) listed below has changed, effective: 8-16-97

TO: (new operator)	<u>INLAND PRODUCTION COMPANY</u>	FROM: (old operator)	<u>ENSERCH EXPLORATION INC</u>
(address)	<u>PO BOX 1446</u>	(address)	<u>6688 N CENTRAL EXP #1000</u>
	<u>ROOSEVELT UT 84066</u>		<u>DALLAS TX 75206-3922</u>
Phone:	<u>(801)722-5103</u>	Phone:	<u>(214)369-7893</u>
Account no.	<u>N5160</u>	Account no.	<u>N4940</u>

WELL(S) attach additional page if needed:

Name: **SEE ATTACHED**	API: <u>43-013-30614</u>	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____

OPERATOR CHANGE DOCUMENTATION

1. (r649-8-10) Sundry or other legal documentation has been received from the FORMER operator (attach to this form). *(rec'd 9-25-97)*
2. (r649-8-10) Sundry or other legal documentation has been received from the NEW operator (Attach to this form). *(rec'd 9-25-97)*
3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is the company registered with the state? (yes/no) ____ If yes, show company file number: _____
4. FOR INDIAN AND FEDERAL WELLS ONLY. The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of Federal and Indian well operator changes should ordinarily take place prior to the division's approval, and before the completion of steps 5 through 9 below.
5. Changes have been entered in the Oil and Gas Information System (3270) for each well listed above. *(10-27-97 / Fed. Lease Wells)*
6. Cardex file has been updated for each well listed above. *(10-27-97)*
7. Well file labels have been updated for each well listed above. *(10-27-97)*
8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. *(10-27-97)*
9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- See 1. (r649-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) ____ If entity assignments were changed, attach copies of Form 6, Entity Action Form.
- N/A 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been notified through normal procedures of entity changes.

BOND VERIFICATION - (FEE WELLS ONLY)

- N/A 1. (r649-3-1) The NEW operator of any fee lease well listed above has furnished a proper bond.
- HC 2. A copy of this form has been placed in the new and former operator's bond files.
- ____ 3. The FORMER operator has requested a release of liability from their bond (yes/no) ____, as of today's date _____. If yes, division response was made to this request by letter dated _____.

LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

- N/A 1. Copies of documents have been sent on _____ to _____ at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.
BTS 10/28/97
- N/A 2. (r649-2-10) The former operator of any fee lease wells listed above has been contacted and informed by letter dated _____ 19 ____, of their responsibility to notify all interest owners of this change.

FILMING

- ✓ 1. All attachments to this form have been microfilmed. Today's date: NOV 13 1997.

FILING

- ____ 1. Copies of all attachments to this form have been filed in each well file.
- ____ 2. The original of this form, and the original attachments are now being filed in the Operator Change file.

COMMENTS

971027 Blm/Vernal Aprv. 'Fed. lease' wells 10-23-97.

LONE TREE UNIT WELL LISTING

AS OF 7/13/98

T. 9S, R. 17E

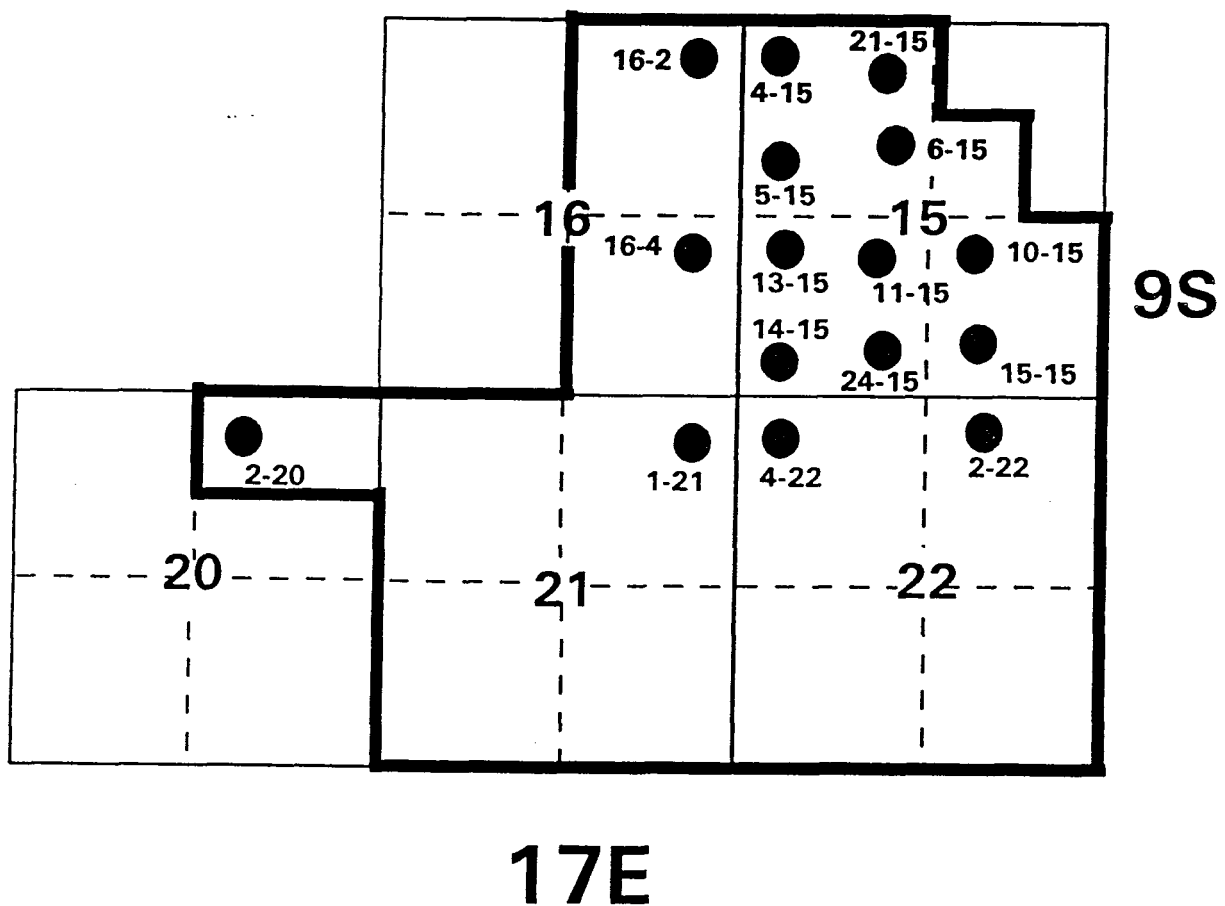
SEC.	FIELD	WELL NAME	STATUS	API NUMBER	
22	LONE TREE UNIT	SOUTH PLEASANT VALLEY #4-22	PROD	4301331522	11813
21	LONE TREE UNIT	SOUTH PLEASANT VALLEY #1-21	PROD	4301331563	11870
22	LONE TREE UNIT	S. PLEASANT VALLEY FED 3-22-9-17	PROD	4301332024	12332
20	LONE TREE UNIT	SOUTH PLEASANT VALLEY #2-20	PROD	4301331737	12047
* 15	LONE TREE UNIT	PLSNT VLY #21-15H	PROD	4301330641	6145
15	LONE TREE UNIT	PLSNT VLY FED #14-15H	PROD	4301331695	12101
15	LONE TREE UNIT	PLSNT VLY FED #13-15H	PROD	4301331648	12100
15	LONE TREE UNIT	S. PLEASANT VALLEY FED 4-15-9-17	PROD	4301332018	12317
15	LONE TREE UNIT	S. PLEASANT VALLEY 5-15	PROD	4301331810	12311
15	LONE TREE UNIT	S. PLEASANT VALLEY 6-15-9-17	PROD	4301332019	12319
15	LONE TREE UNIT	S. PLEASANT VALLEY 11-15	PROD	4301331991	12301
15	LONE TREE UNIT	S. PLEASANT VALLEY 15-15	PROD	4301331492	12303
15	LONE TREE UNIT	PLSNT VLY #24-15H	PROD	4301330681	6150
15	LONE TREE UNIT	S. PLEASANT VALLEY 7-16-9-17	PROD	4301332050	12356
15	LONE TREE UNIT	S. PLEASANT VALLEY 10-15	PROD	4301332032	12315
22	LONE TREE UNIT	S. PLEASANT VALLEY 2-22-9-17	PROD	4301332023	12326
16	LONE TREE UNIT	K JORGENSEN ST 16-4	SI	4301330572	1452
16	LONE TREE UNIT	STATE #16-2	SI	4301330552	1451

LONE TREE (GR) UNIT ENTITY 12417 EFF 7-1-98.

LONE TREE (GREEN RIVER) UNIT

DUCHESNE COUNTY, UTAH

EFFECTIVE: JULY 1, 1998



— UNIT OUTLINE (UTU77236X)
2,200.00 ACRES

SECONDARY ALLOCATION	
FEDERAL	91.81%
STATE	9.19%

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

475 17TH STREET, SUITE 1500, DENVER, COLORADO 80202 (303) 292-0900

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

0660 FNL 1981 FWL NE/NW Section 15, T09S R17E

5. Lease Designation and Serial No.

U-10760

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

NA

8. Well Name and No.

FED NGC 21-15

9. API Well No.

43-013-30614

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE COUNTY, UTAH

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

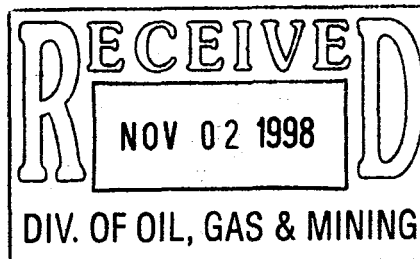
☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Site Security

☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Attached please find the site security diagram for the above referenced well.



14. I hereby certify that the foregoing is true and correct

Signed

Debbie C. Knight

Title

Manager, Regulatory Compliance

Date

10/28/98

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: UTAH DOGM

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Inland Production Company

Site Facility Diagram

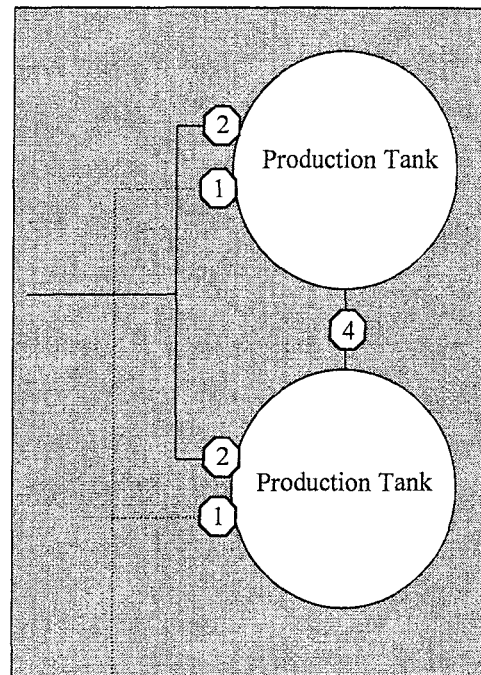
Pleasant Valley Unit 21-15H

NE/NW Sec. 15, T9S, 17E

Duchesne County

Sept. 17, 1998

Emulsion Line
Load Line	_____
Water Line	- - - - -
Gas Sales	- . - . - .



Site Security Plan is held at the Roosevelt Office, Roosevelt Utah

Production Phase:

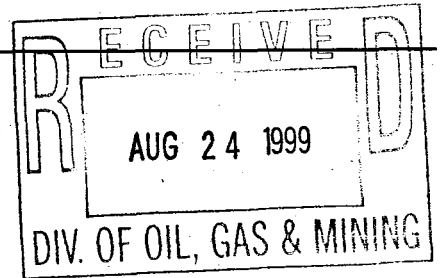
- 1) Valve 1 sealed closed
- 2) Valves 2 and 4 sealed open

Sales Phase:

- 1) Valve 4 sealed closed
- 2) Valves 1 open

Draining Phase:

- 1)



July 26, 1999

Mr. Dan Jarvis
State of Utah
Division of Oil, Gas and Mining
P. O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Permit Application for Water Injection Well
Pleasant Valley #21-15H-9-17
Monument Butte Field, Lone Tree Unit, Lease #UTU-74805
Section 15-Township 9S-Range 17E
Duchesne County, Utah

Dear Mr. Jarvis:

Inland Production Company herein requests approval to convert the Pleasant Valley #21-15H-9-17 from a producing oil well to a water injection well in the Monument Butte (Green River) Field.

I hope you find this application complete; however, if you have any questions or require additional information, please contact Jon Holst at (303) 893-0102.

Sincerely,

John E. Dyer
Chief Operating Officer

INLAND PRODUCTION COMPANY

APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL

PLEASANT VALLEY #21-15H-9-17

LONE TREE UNIT

MONUMENT BUTTE (GREEN RIVER) FIELD

LEASE #UTU-74805

JULY 26, 1999

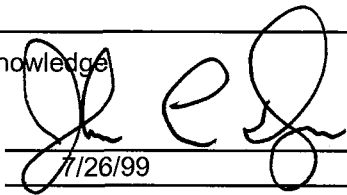
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ATTACHMENT H-1	WELLBORE DIAGRAM OF PROPOSED PLUGGED WELL

APPLICATION FOR INJECTION WELL - UIC FORM 1

RECEIVED
AUG 24 1999
DIV. OF OIL, GAS & MINING

OPERATOR	Inland Production Company
ADDRESS	410 17th Street, Suite 700
	Denver, Colorado 80202

Well Name and number:	<u>Pleasant Valley #21-15H-9-17</u>				
Field or Unit name:	<u>Monument Butte (Green River)</u>	<u>Lone Tree Unit</u>	Lease No.	<u>UTU-74805</u>	
Well Location: QQ	<u>NENW</u>	section <u>15</u>	township <u>9S</u>	range <u>17E</u>	county <u>Duchesne</u>
Is this application for expansion of an existing project? Yes [X] No []					
Will the proposed well be used for:					
Enhanced Recovery?		Yes [X] No []			
Disposal?		Yes [] No [X]			
Storage?		Yes [] No [X]			
Is this application for a new well to be drilled? Yes [] No [X]					
If this application is for an existing well,					
has a casing test been performed on the well? Yes [] No [X]					
Date of test: _____					
API number: <u>43-013-30614</u>					
Proposed injection interval: from <u>3874'</u> to <u>5456'</u>					
Proposed maximum injection rate <u>500 bpd</u> pressure <u>1400</u> psig					
Proposed injection zone contains [x] oil, [] gas, and/or [] fresh water within 1/2 mile of the well.					
<div>IMPORTANT: Additional information as required by R615-5-2 should accompany this form.</div>					
List of Attachments: <u>Attachments "A" through "H"</u>					
I certify that this report is true and complete to the best of my knowledge					
Name:	<u>John E. Dyer</u>	Signature			
Title	<u>Chief Operating Officer</u>	Date	<u>7/26/99</u>		
Phone No.	<u>(303) 893-0102</u>				
(State use only)					
Application approved by _____		Title _____			
Approval Date _____					

Comments:

Pleasant Valley #21-15H-9-17

Spud Date: 7/07/82
Put on Production: 12/01/82
GL: 5197' KB: 5211'

Initial Production: 47 BOPD,
15 MCFPD, 0 BWPD

SURFACE CASING

CSG SIZE: 9-5/8"
GRADE: K-55 ST&C
WEIGHT: 36#
LENGTH: 12 jts. (500')
DEPTH LANDED: 500'
HOLE SIZE: 12-1/4"
CEMENT DATA: To surface

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: N-80 LT&C
WEIGHT: 17#
LENGTH: 148 jts. (5961')
DEPTH LANDED: 5961'
HOLE SIZE: 7-7/8"
CEMENT DATA: 175 sxs BJ lite, tail w/750 sxs BJ 50-50 poz mix

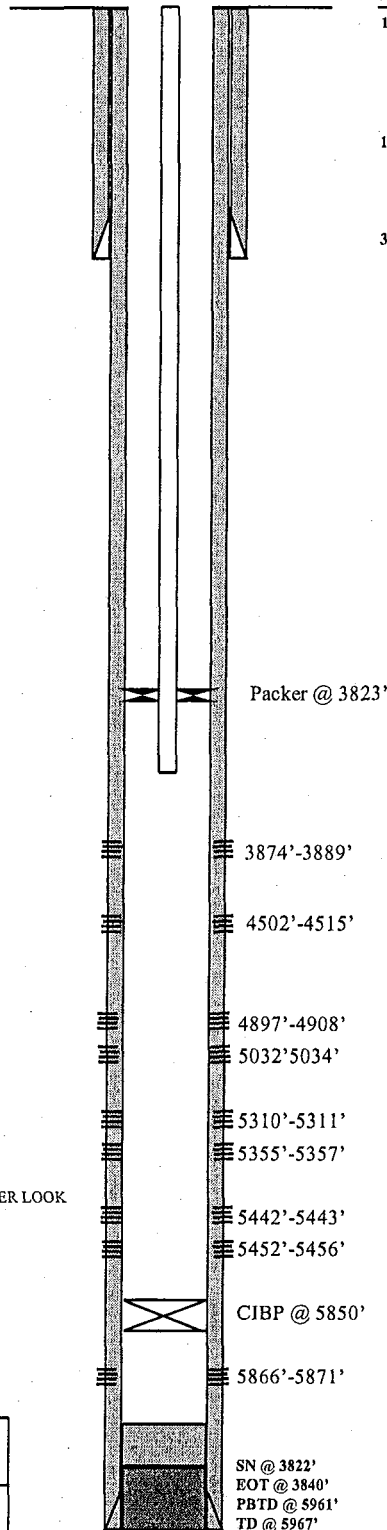
TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55/ 6.5# EUE
NO. OF JOINTS: 120 jts
PACKER: 3823'
TOTAL STRING LENGTH: ? (EOT @ 3840')
SN LANDED AT: 3822'

SUCKER RODS

POLISHED ROD:
SUCKER RODS:
PUMP SIZE:
STROKE LENGTH:
PUMP SPEED, SPM:
LOGS: DLL/GR/SP, FDC/CNL/GR/CAL, PROX MICROLOG, CYBER LOOK

Proposed Injection Wellbore Diagram



FRAC JOB

11/12/82	5310'-5311'	20,000 gal gelled wtr and 44,000# 20/40 ss
	5355'-5357'	ISIP 1720#
	5442'-5443'	
	5452'-5456'	
11/14/82	4897'-4908'	22,500 gal gelled wtr and 84,000# 20/40 ss
	5032'-5034'	ISIP 1430#
3/26/97	3874'-3889'	Screened out with 6.25# sand at perfs. Pumped 264 bbl fluid and 42,800# 16/30 sand. Had 24,000# sand in to formation, flowed back well to frac tank

PERFORATION RECORD

3874'-3889'	60 Holes
4502'-4515'	48 Holes
4897'-4908'	10 Holes
5032'-5034'	5 Holes
5310'-5311'	2 Holes
5355'-5357'	3 Holes
5442'-5443'	2 Holes
5452'-5456'	5 Holes
5866'-5871'	16 Holes



Inland Resources Inc.

Pleasant Valley #21-15H-9-17

660' FNL & 1981' FWL

NENW Section 15-T9S-R17E

Duchesne Co, Utah

API #43-013-30614; Lease #UTU-74805

SN @ 3822'
EOT @ 3840'
PBTD @ 5961'
TD @ 5967'

WORK PROCEDURE FOR INJECTION CONVERSION

- 1. Rig up hot oil truck to casing. Pump water. Unseat pump. Flush rods. Trip out of hole with rods and pump.**
- 2. Trip out of hole with tubing, breaking and doping every connection. Trip in hole with packer and tubing. Rig up water truck to casing. Pump packer fluid. Set packer.**
- 3. Test casing and packer.**
- 4. Rig down, move out.**

**REQUIREMENTS FOR INJECTION OF FLUIDS INTO RESERVOIRS
RULE R615-5-1**

- 1. Operations to increase ultimate recovery, such as cycling of gas, the maintenance of pressure, the introduction of gas, water or other substances into a reservoir for the purpose of secondary or other enhanced recovery or for storage and the injection of water into any formation for the purpose of water disposal shall be permitted only by order of the Board after notice and hearing.**
- 2. A request for agency action for authority for the injection of gas, liquified petroleum gas, air, water or any other medium into any formation for any reason, including but not necessarily limited to the establishment of or the expansion of waterflood projects, enhanced recovery projects, and pressure maintenance projects shall contain:**

2.1 The name and address of the operator of the project.

Inland Production Company
410 17th Street, Suite 700
Denver, Colorado 80202

2.2 A plat showing the area involved and identifying all wells, including all proposed injection wells, in the project area and within one-half mile of the project area.

See Attachment A

2.3 A full description of the particular operation for approval is requested.

Approval is requested to convert the Pleasant Valley #21-15H-9-17 from a producing oil well to a water injection well in the Monument Butte (Green River) Field, Boundary Unit.

2.4 A description of the pools from which the identified wells are producing or have produced.

The proposed injection well will inject into the Green River Formation.

2.5 The names, description and depth of the pool or pools to be affected.

The injection zone is in the Green River Formation. In the Pleasant Valley #21-15H-9-17 well, the proposed injection zone is from 3874' - 5456'. The confining strata directly above and below the injection zones are the top of the Garden Gulch formation and the Basal Carbonate. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

2.6 A copy of a log of a representative well completed in the pool.

The referenced log for the Pleasant Valley #21-15H-9-17 is on file with the Utah Division of Oil, Gas and Mining.

- 2.7 A statement as to the type of fluid to be used for injection, its source and the estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water from the Johnson Water District supply line. The average estimated injection of fluids will be at a rate of 300 BPD, and the estimated maximum injection will be at a rate of 500 BPD.

- 2.8 A list of all operators and surface owners within one-half mile radius of the proposed project.**

See Attachment B.

- 2.9 An affidavit certifying that said operators or owners and surface owners within a one-half mile radius have been provided a copy of the petition for injection.**

See Attachment C.

- 2.10 Any additional information the Board may determine is necessary to adequately review the petition.**

Inland Production Company will supply any additional information requested by the Utah Division of Oil, Gas and Mining.

- 4.0 Establish recovery projects may be expanded and additional wells placed on injection only upon authority from the Board after notice and hearing or by administrative approval.**

This proposed injection well is on a federal lease (Lease #UTU-74805) in the Monument Butte (Green River) Field, and this request is for administrative approval.

**REQUIREMENTS FOR CLASS II INJECTION WELLS INCLUDING WATER DISPOSAL,
STORAGE AND ENHANCED RECOVERY WELLS
SECTION V – RULE R615-5-2**

- 1. Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.**
- 2. The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:**
 - 2.1 A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.**

See Attachments A and B.
 - 2.2 Copies of electrical or radioactive logs, including gamma ray logs, for the proposed well run prior to the installation of casing and indicating resistivity, spontaneous potential, caliper and porosity.**

All logs are on file with the Utah Division of Oil, Gas and Mining.
 - 2.3 A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented.**

A copy of the cement bond log is on file with the Utah Division of Oil, Gas and Mining.
 - 2.4 Copies of logs already on file with the Division should be referenced, but need not be refiled.**

All copies of logs are on file with the Utah Division of Oil, Gas and Mining.
 - 2.5 A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well.**

The casing program is 9-5/8", 36#, K-55 surface casing run to 500' GL, and 5-1/2", 17#, N-80 casing run from surface to 5961' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.
 - 2.6 A statement as to the type of fluid to be used for injection, its source and estimated amounts to be injected daily.**

The primary type and source of fluid to be injected is culinary water from the Johnson Water District supply line. The estimated average rate of injection will be 300 BPD, and the estimated maximum rate of injection will be 500 BPD.
 - 2.7 Standard laboratory analysis of the fluid to be injected, the fluid in the formation into which the fluid is being injected, and the compatibility of the fluids.**

See Attachment F, F-1, and F-2.

2.8 The proposed average and maximum injection pressures.

The proposed average injection pressure will be approximately 1250 psig and the maximum injection pressure will not exceed 1400 psig.

2.9 Evidence and data to support a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that could enable the injected fluid or formation fluid to enter the fresh water strata.

The minimum fracture gradient for the Pleasant Valley #21-15H-9-17, for proposed zones (3874' - 5456') calculates at .721 psig/ft. The maximum injection pressures will be limited so as not to exceed the gradient. A step rate test will be performed periodically to ensure we are below parting pressure. The proposed maximum injection pressure is 1400 psig. See Attachment G through G-1.

2.10 Appropriate geological data on the injection interval and confining beds, including the geologic name, lithologic description, thickness, depth, and lateral extent.

In the Pleasant Valley #21-15H-9-17, the injection zone (3874' - 5456') is in the Douglas Creek member of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The Douglas Creek member is composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31' within the Monument Butte area. The strata confining the injection zone are composed of tight, moderately calcareous, sandy lacustrine shales. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

2.11 A review of the mechanical condition of each well within a one-half mile radius of the proposed injection well to assure that no conduit exists that could enable fluids to migrate up or down the wellbore and enter the improper intervals.

See Attachments E through E-7.

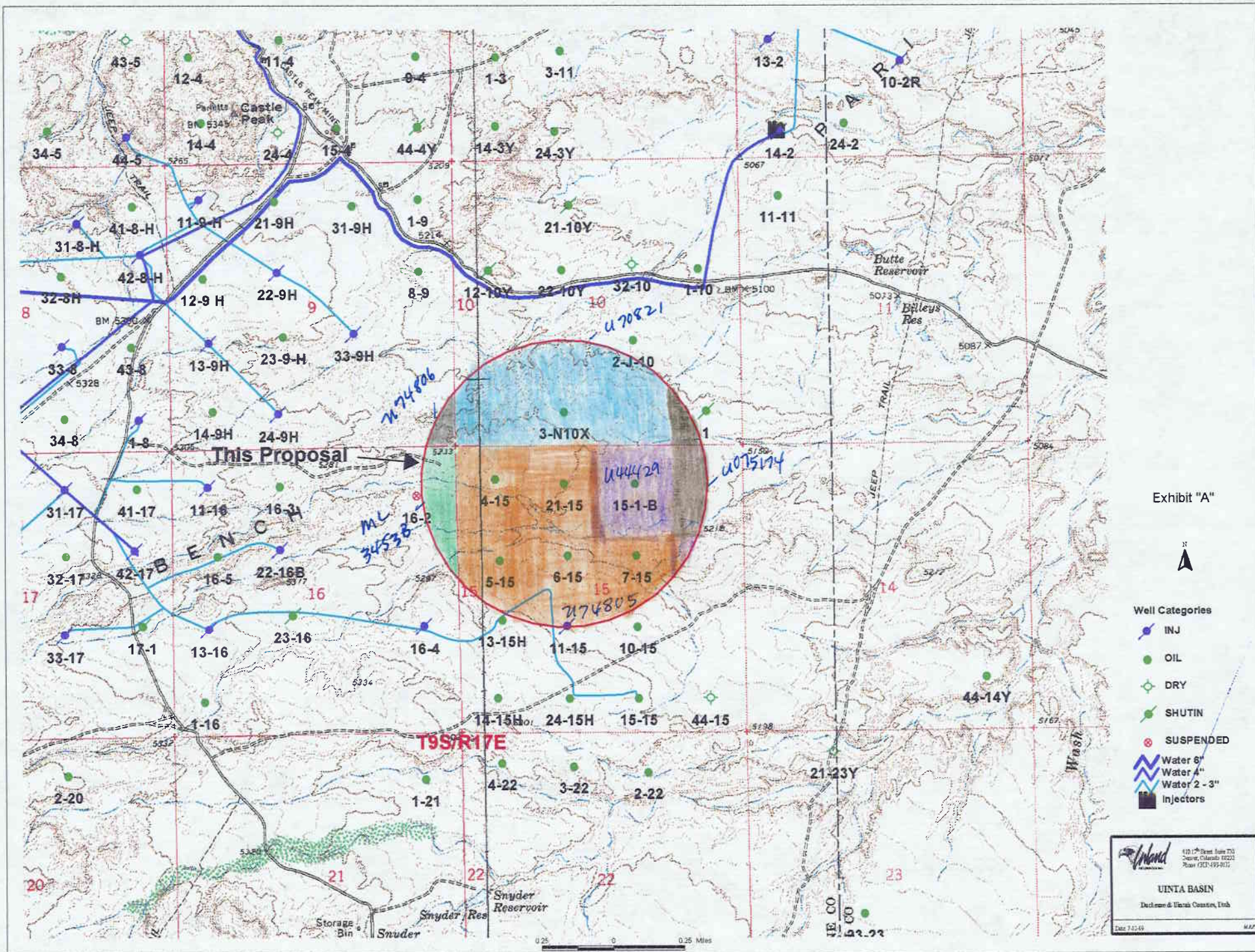
Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure relief.

2.12 An affidavit certifying that a copy of the application has been provided to all operators or owners, and surface owners within a one-half mile radius of the proposed injection well.

See Attachment C.

2.13 Any other information that the Board or Division may determine is necessary to adequately review the application.

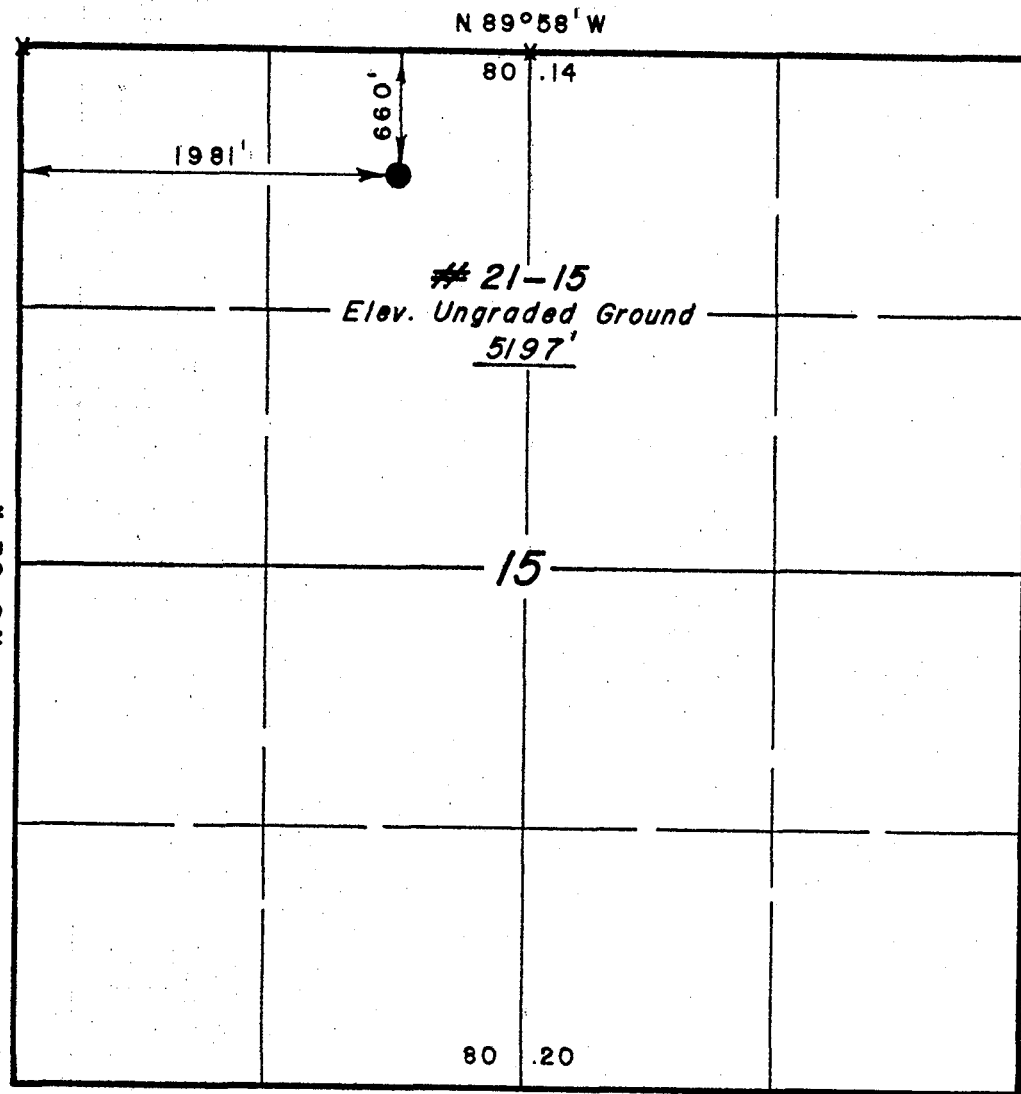
Inland Production Company will supply any requested information to the Board or Division.



T9S, R17E, S.L.B.&M.

PROJECT
NATURAL GAS CORP. OF CALIF.

Well location, # 21-15,
located as shown in NE 1/4 NW 1/4,
Section 15, T9S, R17E, S.L.B.&M.
Duchesne County, Utah.



X = Section Corners Located



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE
BEST OF MY KNOWLEDGE AND BELIEF.

Robert L. Swartz

REGISTERED LAND SURVEYOR
REGISTRATION NO 2454
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
P.O. BOX Q - 85 SOUTH - 200 EAST
VERNAL, UTAH - 84078

SCALE	1" = 1000'	DATE	9/3/81
PARTY	NM, DC, JH	REFERENCES	GLO PLAT
WEATHER	FAIR / WARM	FILE	NATURAL GAS

Attachment B

#	Land Description	Mineral Ownership & Expires	Minerals Leased By	Surface Rights
1	<u>Township 9 South, Range 17 East</u> Section 16: E/2, E/2W/2, SW/4NW/4 NW/4SW/4	ML-3453B HBP	Inland Production Company Yates Petroleum Corporation Yates Drilling Company Abo Petroleum Corporation Myco Industries Inc.	(Surface Rights) USA
2	<u>Township 9 South, Range 17 East</u> Section 9: Lot 4, E/2SE/4	UTU-74806 HBP	Inland Production Company	(Surface Rights) USA
3	<u>Township 9 South Range 17 East</u> Section 15: S/2, NW/4, SW/4NE/4	UTU-74805 HBP	Inland Production Company	(Surface Rights) USA

Attachment B cont.

#	Land Description	Mineral Ownership & Expires	Minerals Leased By	Surface Rights
4	<u>Township 9 South, Range 17 East</u> Section 10: SW/4, W2/SE/4	UTU-70821 HBP	Inland Production Company	(Surface Rights) USA
5	<u>Township 9 South, Range 17 East</u> Section 10: E/2SE/4 Section 11: S/2 Section 14: NW/4, N/2NE/4 Section 15: E/2NE/4	U-075174 HBP	Inland Production Company	(Surface Rights) USA
6	<u>Township 9 South, Range 17 East</u> Section 15: NW/4NE/4	U-44429 HBP	Wildrose Resources Corp.	(Surface Rights) USA


ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well
Pleasant Valley #21-15H-9-17

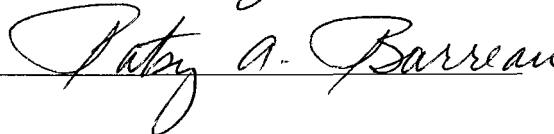
I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

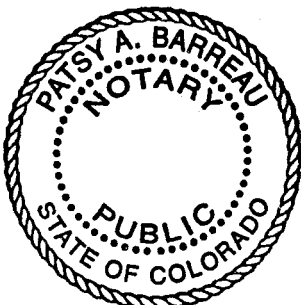
Signed: _____


Inland Production Company
John E. Dyer
Chief Operating Officer

Sworn to and subscribed before me this 26th day of July, 1999.

Notary Public in and for the State of Colorado: _____





My Commission Expires 11/14/2000

Attachment E

Pleasant Valley #21-15H-9-17

Spud Date: 7/07/82
Put on Production: 12/01/82
GL: 5197' KB: 5211'

Initial Production: 47 BOPD,
15 MCFPD, 0 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 9-5/8"
GRADE: K-55 ST&C
WEIGHT: 36#
LENGTH: 12 jts. (500')
DEPTH LANDED: 500'
HOLE SIZE: 12-1/4"
CEMENT DATA: To surface

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: N-80 LT&C
WEIGHT: 17#
LENGTH: 148 jts. (5961')
DEPTH LANDED: 5961'
HOLE SIZE: 7-7/8"
CEMENT DATA: 175 sxs BJ lite, tail w/750 sxs BJ 50-50 poz mix

760% to 1486

TUBING

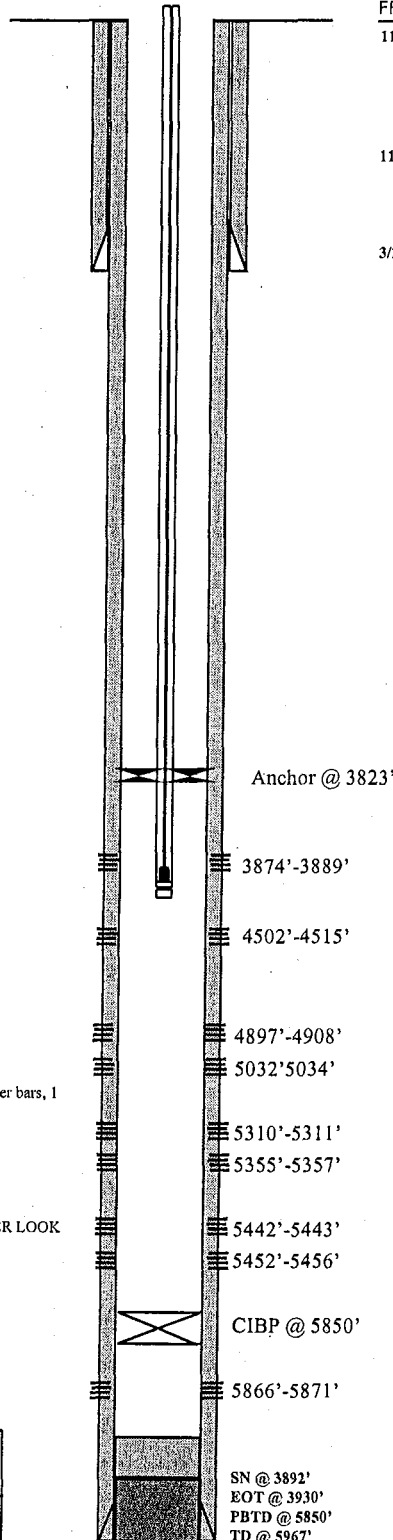
SIZE/GRADE/WT.: 2-7/8" / J-55/6.5# EUE
NO. OF JOINTS: 121 jts
TUBING ANCHOR: 3823'
TOTAL STRING LENGTH: ? (BOT @ 3930')
SN LANDED AT: 3892'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
SUCKER RODS: 95 - 7/8" scraped rods, 50 - 3/4" slick rods, 9 sinker bars, 1 - 4' x 7/8" pony rod
PUMP SIZE: 2-1/2" x 1-1/2" x 15' RHAC
STROKE LENGTH:
PUMP SPEED, SPM: SPM
LOGS: DLL/GR/SP, FDC/CNL/GR/CAL, PROX MICROLOG, CYBER LOOK

FRAC JOB

11/12/82	5310'-5311'	20,000 gal gelled wtr and 44,000# 20/40 ss
	5355'-5357'	ISIP 1720#
	5442'-5443'	
	5452'-5456'	
11/14/82	4897'-4908'	22,500 gal gelled wtr and 84,000# 20/40 ss
	5032'-5034'	ISIP 1430#
3/26/97	3874'-3889'	Screened out with 6.25# sand at perf. Pumped 264 bbl fluid and 42,800# 16/30 sand. Had 24,000# sand in to formation, flowed back well to frac tank



PERFORATION RECORD

3874'-3889'	60 Holes
4502'-4515'	48 Holes
4897'-4908'	10 Holes
5032'-5034'	5 Holes
5310'-5311'	2 Holes
5355'-5357'	3 Holes
5442'-5443'	2 Holes
5452'-5456'	5 Holes
5866'-5871'	16 Holes



Inland Resources Inc.

Pleasant Valley #21-15H-9-17

660' FNL & 1981' FWL

NENW Section 15-T9S-R17E

Duchesne Co, Utah

API #43-013-30614; Lease #UTU-74805

SN @ 3892'
EOT @ 3930'
PBT @ 5850'
TD @ 5967'

Attachment E-1

South Pleasant Valley #4-15

Spud Date: 2/28/98

Put on Production:

GL: 5220' KB:

SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55 ST&C

WEIGHT: 24#

LENGTH: 7 jts. (291')

DEPTH LANDED: 306'

HOLE SIZE: 12-1/4"

CEMENT DATA: 140 sxs Premium Plus w/2% CC & 1/2#/sx flocele

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 5468'

DEPTH LANDED: 5282'

HOLE SIZE: 7-7/8"

CEMENT DATA: 265 sxs Hibond 65 Modified tail w/185 sxs Thixotropic & 10% Calseal

CEMENT TOP AT:

6000 Bond to 3900'

TUBING

SIZE/GRADE/WT.:

NO. OF JOINTS:

TUBING ANCHOR:

TOTAL STRING LENGTH:

SN LANDED AT:

SUCKER RODS

POLISHED ROD:

SUCKER RODS:

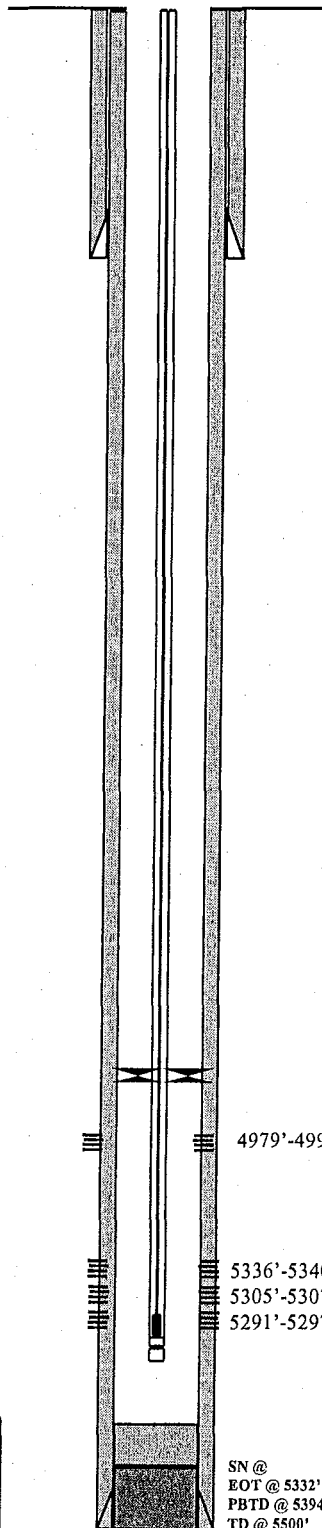
PUMP SIZE:

STROKE LENGTH:

PUMP SPEED:

LOGS: DIGL/SP/GR/CAL, DSN/SDL/GR

Wellbore Diagram



Initial Production: BOPD,
MCFPD, BWPD

FRAC JOB

5336'-40'

5305'-07'

5291'-97'

111,200# 20/40 sand in 559 bbl Delta frac, Perfs broke down @ 3835 psi. Treated @ avg 1480 psi and 28.4 BPM ISIP 1857, 1570 in 5 min. Flowback 6012/64 choke for 6 hrs and died.

4979'-94'

114,300# 20/40 sand in 546 bbl Delta frac. Perfs broke down @ 2071. Treated @ avg 1645 and 28 BPM. ISIP 1736 and 1583 after 5 min. Flowback on 12/64 for 4-1/2 hrs and died.

PERFORATION RECORD

A Sands 4 jspf 4979'-4994'

CP Sands 4 jspf 5336'-5340'

5305'-5307'

5291'-5297'

SN @
EOT @ 5332'
PBD @ 5394'
TD @ 5500'



Inland Resources Inc.

South Pleasant Valley #4-15

579' FNL & 709' FWL

NWNW Section 15-T9S-R17E

Duchesne Co, Utah

API #43-013-32018; Lease #U-74805

Attachment E-2

South Pleasant Valley #5-15

Spud Date: 2/12/98
Put on Production: 3/26/98
GL: 5213' KB: 5226'

Initial Production: BOPD,
MCFPD, BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55 ST&C
WEIGHT: 24#
LENGTH: 7 jts. (292')
DEPTH LANDED: 308'
HOLE SIZE: 12-1/4"
CEMENT DATA: 140 sxs Premium Plus w/2% CC & 1/2#/sxs flocele

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55 LT&C
WEIGHT: 15.5#
LENGTH: 5506' 29 jts.
DEPTH LANDED: 5519'
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Hibond 65 Modified tail w/230 sxs Thixotropic & 10% Calseal
CEMENT TOP AT: *780' TO 1400'*

TUBING

SIZE/GRADE/WT.: 2-7/8" 6.5# J-55
NO. OF JOINTS: 169
TUBING ANCHOR: 5256'
TOTAL STRING LENGTH: 5419'
SN LANDED AT: 5352'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22'
SUCKER RODS: 4 - 3/4" scraped rods, 112 - 3/4" plain rods, 92 - 3/4" scraped rods, 1 - 6', 2 - 4', and 1 - 2' x 3/4" pony rods
PUMP SIZE: 2-1/2" x 1-1/2" x 17'
STROKE LENGTH: 74"
PUMP SPEED: 4.5 SPM
LOGS: DIGL/SP/GR/CAL, DSN/SDL/GR

FRAC JOB

5263'-5321' 120,400# 20/40 sd in 567 bbl delta frac
Perfs broke down @ 2765 psi.
Treated @ avg 1380 psi and avg rate of 30.5 BPM. ISIP 2200 psi, 1955 after 5 min. Flowback on 12/64 ck for 6.5 hrs and died.

4854'-4863' 451,300 20/40 sd in 567 bbl delta frac.
Perfs broke down @ 4160 psi.
Treated @ avg 2050 /@ avg rate of 28 BPM. ISIP 3572 psi, 3315 after 5 min. Flowback on 12/64 choke for 1.5 hrs and died.


4628'-4634' 98,300# 20/40 sd in 491 bbs delta frac
Perfs broke down @ 4250. Treated @ avg 1610 psi avg rate of 24.2 BPM. ISIP 1866 psi, 1770 after 5 min. Flowback 22/94 for 3.5 hrs and died.

3994'-4008' 114,300 # 20/40 sd in 522 bbl delta frac
Perfs broke down @ 3393. Treated @ avg 1823 and avg rate of 26.8 BPM. ISIP 1897 psi, 1744 after 5 min. Flowback on 1264 choke for 4 hrs and died.

PERFORATION RECORD

Date	Tool Joint	Interval
3/14/98	CP sds 4 jspf	5263'-5266' 5268'-5276' 5295'-5305' 5313'-5321'
3/17/98	A sds 4 jspf	4854'-4863'
3/19/98	B sds 4 jspf	4628-4634'
3/20/98	PB sds 4 jspf	3994'-4008

SN @ 5352'
EOT @ 5419'
PBD @ 5473'
TD @ 5520'



Inland Resources Inc.

South Pleasant Valley #5-15

2069' FNL & 759' FWL

SWNW Section 15-T9S-R17E

Duchesne Co, Utah

API #43-013-31886; Lease #U-74805

Attachment E-3

South Pleasant Valley #6-15

Spud Date: 3/7/98
Put on Production: 4/1/98
GL: 5211' KB: 5226'

Initial Production: BOPD,
MCFPD, BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55 ST&C
WEIGHT: 24#
LENGTH: 7 jts. (291')
DEPTH LANDED: 291' GL
HOLE SIZE: 12-1/4"
CEMENT DATA: 140 sxs Premium Plus w/2% CC & 1/2#/sx flocele

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55 LT&C
WEIGHT: 15.5#
LENGTH: 5506'
DEPTH LANDED: 5469'
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Hibond 65 Modified tail w/230 sxs
Thixotropic & 10% Calseal
CEMENT TOP AT:

MOST > 60% TO 3500'

TUBING

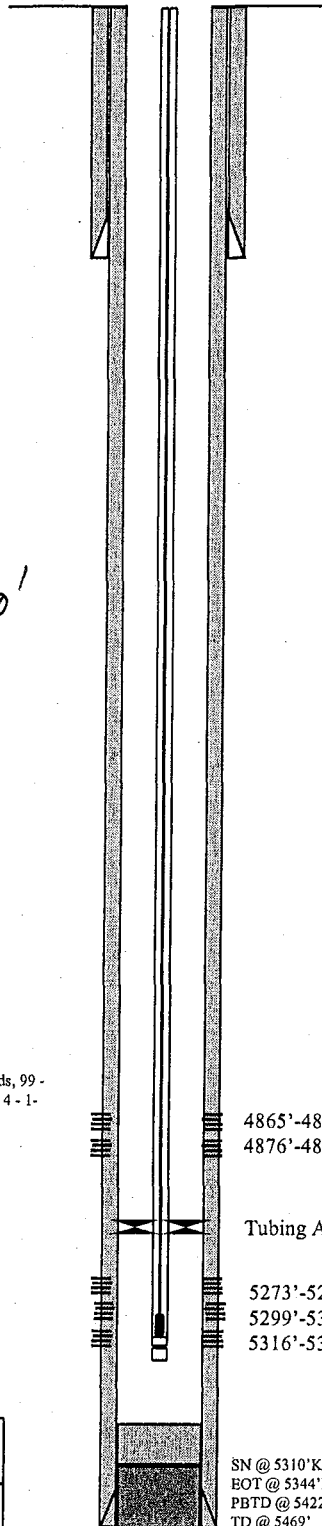
SIZE/GRADE/WT.: 2-7/8"/M-50/6.5#
NO. OF JOINTS: 171
TUBING ANCHOR: 5245' KB
TOTAL STRING LENGTH: 5343.70' KB
SN LANDED AT: 5310.30' KB

SUCKER RODS

POLISHED ROD: 1-1/4" X 22'
SUCKER RODS: 1 - 4', 1 - 2' x 3/4" pony rods, 104 - 3/4" scraped rods, 99 - 3/4" plain rods, 4 - 3/4" scraped rods, 1 - 6' x 7/8" scraped pony rod, 4 - 1-1/2" weight rod.
PUMP SIZE: 2-1/2" x 1-1/2" x 15" RHAC
STROKE LENGTH: 52"
PUMP SPEED: 7 SPM
LOGS: DIGL/SP/GR/CAL, DSN/SDL/GR

FRAC JOB

3/25/98	CP sds	3000 gal pad. 1000 gals w/1-6 ppg 20/40 sd, 2131 gals w/6-8 ppg 20/40 sd. Pre-gel blender broke down. Perfs broke down @ 2720 psi. Flow well dead. Rec 110 bbls frac fluid.
3/26/98	CP sds	Refrac w/120,300 20/40 sd in 580 bbl Delta frac. Perfs broke down @ 2081 psi. Treated @ avg 1520 psi and 30 BPM. ISIP 1616, 1455 after 5 min. Flowback on 12/64 choke for 5.5 hrs and died.
3/29/98	A sands	123,300# sand in 575 bbl Delta Frac. Perfs broke down @ 3064. Treated @ avg 1325 psi and 2739 BPM. ISIP 1691 and 1661 after 5 min. Flowback on 12/94 for 3 hrs and died.



PERFORATION RECORD

CP sds	4 jspf	5273'-5280' 5299'-5309' 5316'-5320'
A Sands	4 jspf	4865'-4873' 4876'-4888'



Inland Resources Inc.

South Pleasant Valley #6-15

2011' FNL & 1976' FWL

SENW Section 15-T9S-R17E

Duchesne Co, Utah

API #43-013-32019; Lease #U-74805

SN @ 5310' KB
BOT @ 5344' KB
PBTB @ 5422' KB
TD @ 5469'

Attachment E-4

South Pleasant Valley #7-15

Spud Date: 4/6/98
Put on Production: 5/4/98
GL: 5187' KB: 5197'

Initial Production: 70 BOPD,
76 MCFPD, 13 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (292')
DEPTH LANDED: 301'(GL)
HOLE SIZE: 12-1/4"
CEMENT DATA: 140 sxs Premium cmt, est 6 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 127 jts. (5479')
DEPTH LANDED: 5489'
HOLE SIZE: 7-7/8"
CEMENT DATA: 410 sk Hibond 65 mixed & 370 sxs thixotropic
CEMENT TOP AT: 114' CBL

Most > 80% to 3980

TUBING

SIZE/GRADE/WT.: 2-7/8"/6.5#/M-50 tbg.
NO. OF JOINTS: 174 jts.
TUBING ANCHOR: 5215'
SEATING NIPPLE: 2-7/8" (1.10')
TOTAL STRING LENGTH: EOT @ 5396'
SN LANDED AT: 5333'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' polished rod.
SUCKER RODS: 4-3/4" scraped, 108-3/4" plain rods, 97-3/4" scraped
PUMP SIZE: 2-1/2 x 1-1/2 x 15.5' RHAC pump
STROKE LENGTH: 74"
PUMP SPEED, SPM: 5.5 SPM
LOGS: Dual Laterlog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL-GR

FRAC JOB

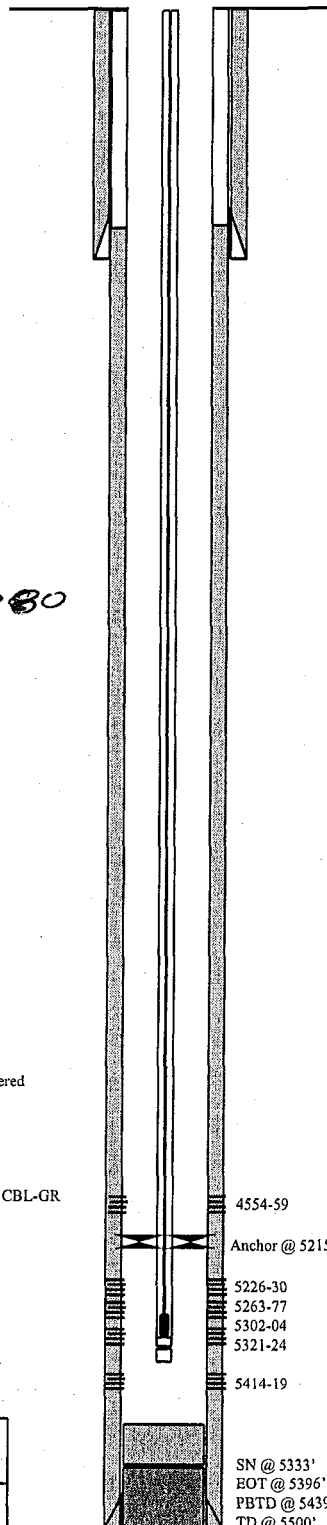
4/25/98 5414'-5419' Frac CP-3 sand as follows:
111,300# 20/40 sand in 556 bbls Delta Gel fluid. Perfs brokedown @ 2120 psi. Treated @ avg press of 1545 psi w/avg rate of 29.9 bpm. ISIP: 1655 psi, 5-min 1545 psi. Flowback on 12/64" choke for 3.5 hours and died.

4/28/98 5226'-5324' Frac CP-0.5, CP-1 & CP-2 sand as follows:
120,300# of 20/40 sand in 565 bbls Delta Gel fluid. Perfs brokedown @ 2688 psi @ 9 BPM. Treated @ avg press of 1300 w/avg rate of 30.5 BPM. ISIP: 1805 psi, 5-min 1564 psi. Flowback on 12/64" choke for 3 hours and died.

4/30/98 4554'-4559' Frac C sand as follows:
74,300# 20/40 sand in 395 bbls Delta Gel fluid. Perfs brokedown @ 2507 psi @ 21 BPM. Treated @ avg press of 2100 psi w/avg rate of 27.5 bpm. ISIP: 2839 psi, 5-min 2430 psi. Flowback on 12/64" choke for 3.5 hours and died.

PERFORATION RECORD

4/24/98	5414'-5419'	4 JSPF	20 holes
4/27/98	5226'-5230'	4 JSPF	16 holes
4/27/98	5263'-5277'	4 JSPF	56 holes
4/27/98	5302'-5304'	4 JSPF	8 holes
4/27/98	5321'-5324'	4 JSPF	12 holes
4/29/98	4554'-4559'	4 JSPF	20 holes



Inland Resources Inc.

South Pleasant Valley #7-15

1980' FNL 1980' FEL

SWNE Section 15-T9S-R17E

Duchesne Co, Utah

API #43-013-32020; Lease U-74805

Attachment E-5

S. Pleasant Valley #11-15

Spud Date: 1/26/98
Put on Production: 3/11/98
GL: 5240' KB: 5250'

Initial Production: ? BOPD, ?
MCFPD, ? BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts (294')
DEPTH LANDED: 309'
HOLE SIZE: 12-1/4"
CEMENT DATA: 140 sxs Premium cmt, est 7 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 128 jts. (5474')
DEPTH LANDED: 5488'
HOLE SIZE: 7-7/8"
CEMENT DATA: 260 sxs Hibond 65 modified and 210 sxs Thixotropic & 10% Calseal

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 176
TUBING ANCHOR: 5223'
TOTAL STRING LENGTH: (EOT @ 5351')
SN LANDED AT: 5316'

SUCKER RODS

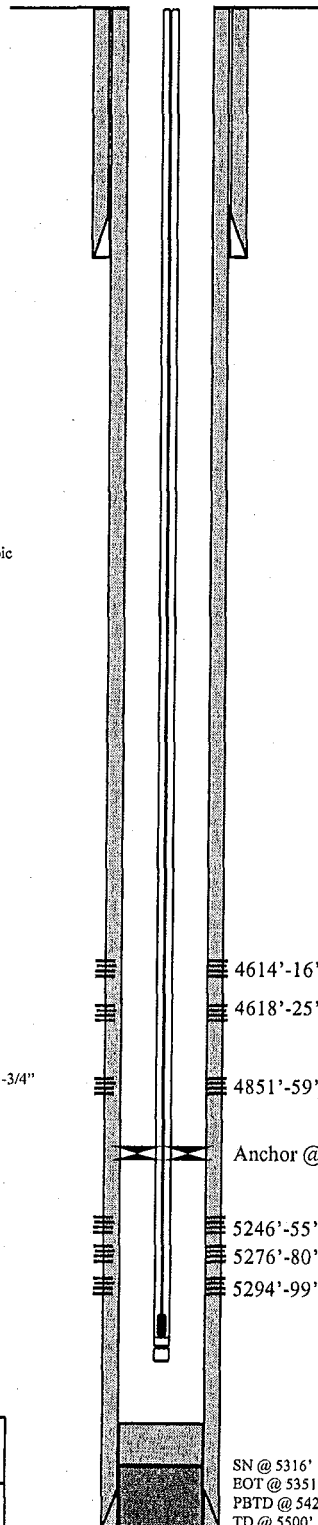
POLISHED ROD: 1-1/2" x 22' SM
SUCKER RODS: 3-11/2" wt rods, 4-3/4" scraped, 108-3/4" plain, 96-3/4" scraped, 1-8", 1-2" x 3/4" pony rods
PUMP SIZE: 2-1/2" x 1-1/2" x 16' RHAC
STROKE LENGTH: 56"
PUMP SPEED, SPM: 7 SPM
LOGS: HRI/SP/GR/CAL (5482'-307')
DSN/SDL/GR (5450'-3000')

FRAC JOB

3/4/98 4851'-4859' 3000 Gal pad, 1000 gal w/1-6ppg 20/40 sd & 6259 gal 6-8 ppg sdstage. Well screened out w/6# sd @ perms. Blender malfunction caused improper cross linking of pad. Est 14,000 sd in form, 22,800sd in csg. ISIP 2180, after 5 min 1400 psi. Flowback on 12/64 choke for 3/4 hr and died.

3/5/98 4851'-4859' Refrac w/120,300# 20/40 sd in 595 Delta frac. Treated @ avg press of 3150 and @ 28.9 BPM. ISIP 3249 and 3 after 5 min. Flowback on 12/64 for 5-1/2 hrs and died.

3/8/98 4614'-4616' 120,300# 20/40sd in 560 bbl Delta frac. Treated @ avg 1436 psi and @ 26 BPM. ISIP 1855 and 1669 after 5 min. Flowbac on 12/64 choke for 4-1/2 hrs and died.



PERFORATION RECORD

CP sds	4 jspf	5246'-5255'
		5276'-5280'
		5294'-5299'
A sds	4 jspf	4851'-4859'
B sds	4 jspf	4614'-4616'
		4618'-4625'



Inland Resources Inc.

S. Pleasant Valley #11-15

1980 FSL 1980 FWL

NESW Section 15-T9S-R17E

Duchesne Co, Utah

API #43-013-31991; Lease #U-74805

Attachment E-6

Federal #15-1-B

Spud Date: 2/4/85
Put on Production: 4/22/98
GL: KB: 5192'

Initial Production: 87 BOPD,
87 MCFPD, 40 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE:
WEIGHT:
LENGTH:
DEPTH LANDED: 242'
HOLE SIZE:
CEMENT DATA: 260 sxs cmt.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE:
WEIGHT:
LENGTH:
DEPTH LANDED: 5835'
HOLE SIZE:
CEMENT DATA: 745 sxs
CEMENT TOP AT: 3264'

TUBING

SIZE/GRADE/WT.: 2-3/8"
NO. OF JOINTS: 5315'
TUBING ANCHOR:
SEATING NIPPLE:
TOTAL STRING LENGTH:
SN LANDED AT:

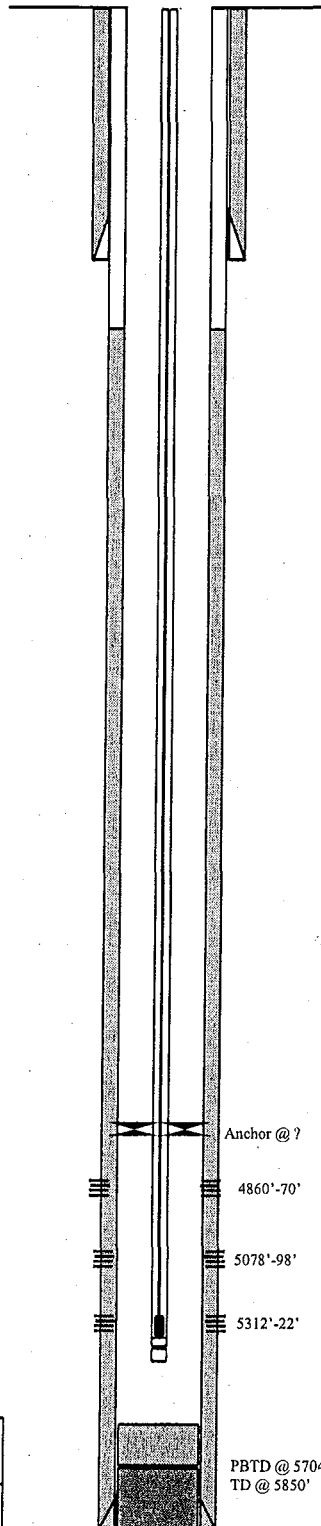
SUCKER RODS

POLISHED ROD:
SUCKER RODS:
TOTAL ROD STRING LENGTH:
PUMP NUMBER:
PUMP SIZE:
STROKE LENGTH:
PUMP SPEED, SPM:
LOGS: DIGL/SP/GR/CAL
SDL/DSN/GR

FRAC JOB

SWFR (5312'-5322')	55,000# 20/40 sand 67 bbl 3% KCl
SWFR (5078'-5098')	62,000# 20/40 sand 120 bbl 3% KCl
SWFR (4860'-4870')	40,000# 20/40 sand 115 bbl 3% KCl

PERFORATION RECORD



Inland Resources Inc.

Federal #15-1-B

660 FNL 1983 FEL

NWNE Section 15-T9S-R17E

Duchesne Co, Utah

API #43-013-31023

Attachment E-7

Castle Draw #3-N10-X

Spud Date: 8/31/84
Put on Production: 10/30/84
GL:5191' KB:

Initial Production: 95 BOPD,
NO GAS, 20 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE:
WEIGHT:
LENGTH:
DEPTH LANDED: 304'
HOLE SIZE:
CEMENT DATA: 250 sxs cmt.

PRODUCTION CASING

CSG SIZE: 4-1/2"
GRADE:
WEIGHT:
LENGTH:
DEPTH LANDED: 6097'
HOLE SIZE:
CEMENT DATA: 1080 sks
CEMENT TOP AT:

TUBING

SIZE/GRADE/WT.: 2-3/8"
NO. OF JOINTS: 4914'
TUBING ANCHOR:
SEATING NIPPLE:
TOTAL STRING LENGTH:
SN LANDED AT:

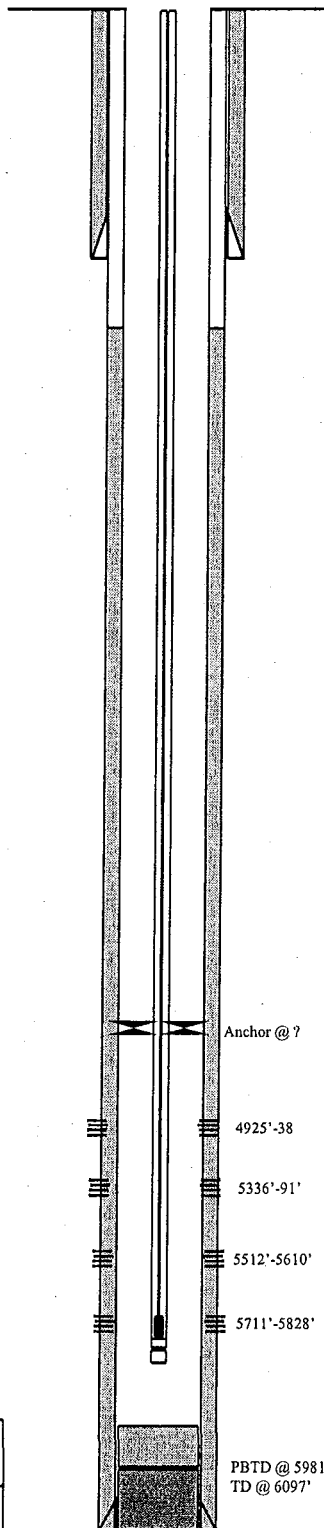
SUCKER RODS

POLISHED ROD:
SUCKER RODS:
TOTAL ROD STRING LENGTH:
PUMP NUMBER:
PUMP SIZE:
STROKE LENGTH:
PUMP SPEED, SPM:
LOGS: DIGL/SP/GR/CAL
SDL/DSN/GR

FRAC JOB

SWFR (5711'-5828') 2 SPF - frac w/35,500 gal gel, 76,000#
20/40 sand
SWFR (5512'-5610') 2 SPF - frac w/37,838 gal gel, 71,028#
20/40 sand
SWFR (5336'-5391') 2 SPF - frac w/42,000 gal gel, 98,000#
20/40 sand
SWFR (4925'-4938') 2 SPF - frac w/39,160 gal gel, 107,280#
20/40 sand

PERFORATION RECORD



Inland Resources Inc.

Castle Draw #3-N10-X

655 FSL 2005 FWL

SESW Section 10-T9S-R17E

Duchesne Co, Utah

API #43-013-30994

UNICHEM

A Division of BJ Services

P.O. Box 217
Roosevelt, Utah 84066

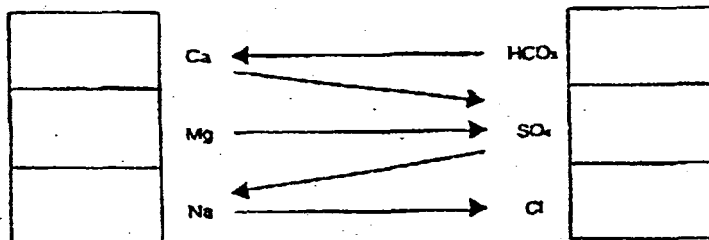
Attachment F

Office (801) 722-5066
Fax (801) 722-5727**WATER ANALYSIS REPORT**

Company INLAND Address _____ Date 01-14-98
 Source Johnson Water
FRESH WATER Date Sampled _____ Analysis No. _____

	Analysis	mg/l(ppm)	*Meg/l
1. PH	<u>7.0</u>		
2. H ₂ S (Qualitative)	<u>0.5</u>		
3. Specific Gravity	<u>1.001</u>		
4. Dissolved Solids		<u>593</u>	
5. Alkalinity (CaCO ₃)		CO ₃ <u>0</u>	÷ 30 <u>0</u> CO ₃
6. Bicarbonate (HCO ₃)		HCO ₃ <u>300</u>	÷ 61 <u>5</u> HCO ₃
7. Hydroxyl (OH)		OH <u>0</u>	÷ 17 <u>0</u> OH
8. Chlorides (Cl)		Cl <u>35</u>	÷ 35.5 <u>1</u> Cl
9. Sulfates (SO ₄)		SO ₄ <u>110</u>	÷ 48 <u>2</u> SO ₄
10. Calcium (Ca)		Ca <u>44</u>	÷ 20 <u>2</u> Ca
11. Magnesium (Mg)		MG <u>22</u>	÷ 12.2 <u>2</u> Mg
12. Total Hardness (CaCO ₃)		<u>200</u>	
13. Total Iron (Fe)		<u>2.2</u>	
14. Manganese			
15. Phosphate Residuals			

*Mill equivalents per liter

PROBABLE MINERAL COMPOSITION**Saturation Values**CaCO₃CaSO₄ · 2H₂OMgCO₃**Distilled Water 20°C**

13 Mg/l

2,090 Mg/l

103 Mg/l

Compound	Eqv. Wt.	X	Meg/l	=	Mg/l
Ca(HCO ₃) ₂	81.04	<u>2</u>			<u>162</u>
CaSO ₄	68.07				
CaCl ₂	55.50				
Mg(HCO ₃) ₂	73.17	<u>2</u>			<u>146</u>
MgSO ₄	60.19				
MgCl ₂	47.62				
NaHCO ₃	64.00	<u>1</u>			<u>84</u>
Na ₂ SO ₄	71.03	<u>2</u>			<u>142</u>
NaCl	58.46	<u>1</u>			<u>59</u>

REMARKS _____

UNICHEM

A Division of BJ Services

435 722 5727

P.O. Box 217
Roosevelt, Utah 84066

Office (435) 722-5066
Fax (435) 722-5727

Attachment F-1

WATER ANALYSIS REPORT

Company INLAND PRODUCTION

Address _____

Date 8-16-99

Source SPV 21-15-H-9-17

Date Sampled 8-13-99

Analysis No. _____

	Analysis	mg/l(ppm)	*Meg/l
1. PH	<u>10.1</u>		
2. H ₂ S (Qualitative)	<u>0.5</u>		
3. Specific Gravity	<u>1.020</u>		
4. Dissolved Solids		<u>26,419</u>	
5. Alkalinity (CaCO ₃)		<u>0</u>	+ 30 <u>0</u> CO ₃
6. Bicarbonate (HCO ₃)		<u>5,500</u>	+ 61 <u>90</u> HCO ₃
7. Hydroxyl (OH)		<u>0</u>	+ 17 <u>0</u> OH
8. Chlorides (Cl)		<u>11,330</u>	+ 35.5 <u>319</u> Cl
9. Sulfates (SO ₄)		<u>150</u>	+ 48 <u>3</u> SO ₄
10. Calcium (Ca)		<u>16</u>	+ 20 <u>1</u> Ca
11. Magnesium (Mg)		<u>0</u>	+ 12.2 <u>0</u> Mg
12. Total Hardness (CaCO ₃)		<u>40</u>	
13. Total Iron (Fe)		<u>1.9</u>	
14. Manganese		<u>0</u>	
15. Phosphate Residuals			

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION

1	Ca	HCO ₃	90
0	Mg	SO ₄	3
411	Na	Cl	319

Saturation Values

CaCO₃

CaSO₄ · 2H₂O

MgCO₃

Distilled Water 20°C

13 Mg/l

2,090 Mg/l

103 Mg/l

Compound	Eqvly. Wt.	X	Meg/l	=	Mg/l
Ca(HCO ₃) ₂	81.04	1			81
CaSO ₄	68.07				
CaCl ₂	55.50				
Mg(HCO ₃) ₂	73.17				
MgSO ₄	60.19				
MgCl ₂	47.62				
NaHCO ₃	84.00	89			7,476
Na ₂ SO ₄	71.03	3			213
NaCl	58.48	319			18,649

REMARKS _____

Received Time Aug. 18. 10:51 AM

Attachment F-2

AQUAMIX SCALING PREDICTIONS

COMPANY: INLAND PRODUCTION CO
 LOCATION:
 SYSTEM:

8-16-99

WATER DESCRIPTION:	JOHNSON WATER	SPV 21-15-H-9-17
P-ALK AS PPM CaCO ₃	0	0
M-ALK AS PPM CaCO ₃	492	9020
SULFATE AS PPM SO ₄	110	150
CHLORIDE AS PPM Cl	35	11330
HARDNESS AS PPM CaCO ₃	0	0
CALCIUM AS PPM CaCO ₃	110	40
MAGNESIUM AS PPM CaCO ₃	90	0
SODIUM AS PPM Na	92	9453
BARIUM AS PPM Ba	0	0
STRONTIUM AS PPM Sr	0	0
CONDUCTIVITY	0	0
TOTAL DISSOLVED SOLIDS	593	26419
TEMP (DEG-F)	100	100
SYSTEM pH	7	10.1

WATER COMPATIBILITY CALCULATIONS

JOHNSON WATER AND SPV 21-15-H-9-17

CONDITIONS: pH=8.5. TEMPERATURE ESTIMATED FROM COMPONENT WATERS.

WATER ONE IS JOHNSON WATER

o/o #1	STIFF DAVIS CaCO ₃ INDEX	lbs/1000 BBL EXCESS CaCO ₃	mg/l BaSO ₄ IN EXCESS OF SATURATION	mg/l SrO ₄ IN EXCESS OF SATURATION	mg/l Gypsum IN EXCESS OF SATURATION
100	1.31	36	0	0	0
90	1.59	35	0	0	0
80	1.65	32	0	0	0
70	1.63	30	0	0	0
60	1.58	27	0	0	0
50	1.51	25	0	0	0
40	1.48	23	0	0	0
30	1.44	20	0	0	0
20	1.38	18	0	0	0
10	1.31	15	0	0	0
0	1.23	13	0	0	0

Attachment "G"

**PLEASANT VALLEY #21-15H-9-17
Proposed Maximum Injection Pressure**

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
Top	Bottom				
5310	5456	5383	1720	0.753	1685
4897	5034	4966	1430	0.721	1400 ←
3874	3889	3882	screened out	N/A	N/A
				Minimum	<u><u>1400</u></u>

Calculation of Maximum Surface Injection Pressure

$P_{max} = (\text{Frac Grad} - (0.433 \times 1.005)) \times \text{Depth of Top Perf}$
 where pressure gradient for the fresh water is .433 psi/ft and
 specific gravity of the injected water is 1.005.

$\text{Frac Gradient} = (\text{ISIP} + (0.433 \times \text{Avg. Depth})) / \text{Avg. Depth}$

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN DUPLICATE
(See other instructions on reverse side)Form approved.
Budget Bureau No. 42-R355.6.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

5. LEASE DESIGNATION AND SERIAL NO.

U-11385

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal

9. WELL NO.

NGC #21-15-H

10. FIELD AND POOL, OR WILDCAT

Pleasant Valley

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Section 15, T.9S., R.17

12. COUNTY OR PARISH

Duchesne

13. STATE

Utah

14. PERMIT NO.

43-013-30614

DATE ISSUED

10/20/81

15. DATE SPUNDED

7/7/82

16. DATE T.D. REACHED

7/16/82

17. DATE COMPL. (Ready to prod.)

11/30/82

18. ELEVATIONS (DF, RKB, RT, OR, ETC.)*

5211' KB, 5197' GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

5967'

21. PLUG, BACK T.D., MD & TVD

5850'

22. IF MULTIPLE COMPL., HOW MANY*

2

23. INTERVALS DRILLED BY

→

ROTARY TOOLS

X

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

4897'-4908', 5032'-34', 5310'-11', 5355'-57', 5442'-43', 5452'-56'

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

DIL-GR-SP, FDC-CNL-GR-CAL, Prox Microlog, Cyber look

27. WAS WELL CORED

Sidewalls

28.

CASING RECORD (Report all strings set in well)

CASINO SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8"	36#	500'	12-1/4"	Surface	None
5-1/2"	17#	5961'	7-7/8"	925 sx	None

29.

LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30.

TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	5508'	

31. PERFORATION RECORD (Interval, size and number)

See attached sheet.

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)

AMOUNT AND KIND OF MATERIAL USED

See attached sheet.

33.*

PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
12/01/82		American-228					Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
1/30/82	24		→	47	15	0		
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
0	30	→	47	15	0			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)								

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Used for fuel

TEST WITNESSED BY

Boyd Snow

35. LIST OF ATTACHMENTS

Geological report to follow

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Rick Canterbury
Rick Canterbury

TITLE

Associate Engineer

DATE

2/14/83

*(See Instructions and Spaces for Additional Data on Reverse Side)

Attachment G-1 cont.

31. Perforation Record:

5866'-5871'	16 Holes
5310'-11'	2 Holes
5355'-57'	3 Holes
5442'-43'	2 Holes
5452'-56'	5 Holes
4897'-4908'	10 Holes (1 SPF)
5032'-34'	5 Holes (2 SPF)

32. 5310'-11', 5355'-57'	Frac w/20,000 gal. of Versagel
5442'-43', 5452'-56'	and 44,000# of sand (20/40)
4897'-4908', 5032'-34'	Frac w/22,500 gal. of Versagel
	and 84,000# of sand (20/40)

Attachment G-2

WELL HISTORY

PLEASANT VALLEY FED. #21-15H
DUCHESNE COUNTY, UTAH

DUCHESNE COUNTY, UTAH

PLEASANT VALLEY FED. #21-15 H

API #43-013-30614

EEI W.I.: 100%

3-21-97: INITIAL REPORT TO ADD PERFORATIONS IN THE GREEN RIVER "A" AND "Dc(4)" TO THE CURRENT COMPLETION. MIRU BASIN WELL SERVICE RIG #1. UNSEATED PUMP. FLUSHED TBG. & RODS W/15 BBLs. OIL & 35 BBLs. WATER. POH W/RODS & PUMP. ND WELLHEAD & NU BOP. RELEASE TBG. ANCHOR. SION.

RIG	\$1,155	
BOPE	\$ 150	
TANKS	\$ 60	
HOT OILER	\$ 710	
WATER	\$ 144	
TRKG	\$ 624	
DC:	\$2,843	CC: \$2,843

3-22-97: SICP 75# & SITP 25#. POH W/2-7/8" TBG., ANCHOR, SEAT NIPPLE & NOTCHED COLLAR. PU 4-3/4" BIT & 5-1/2" CSG. SCRAPER. RIH W/TBG. & TAGGED FILL @ 5840'. POH W/TBG. & TOOLS. PU ELDER MODEL "C" RBP & RIH W/TBG. SET PLUG @ 4628'. TESTED PLUG & CSG. TO 4000#, HELD OK. CIRCULATED HOLE CLEAN W/2% KCL WATER. POH W/TBG. & RET. TOOL. SION.

RIG	\$1,753	
BOPE	\$ 150	
TANKS	\$ 60	
TOOLS	\$ 900	
DC:	\$2,863	CC: \$5,706

3-23-97: RU WESTERN ATLAS WIRELINE. RIH W/4" CSG. GUN & PERFORATED "DC4" INTERVAL @ 4502'-15', 4 SPF, 48 HOLES TOTAL. RD WIRELINE. BROKE DOWN PERFS W/RIG PUMP USING 2% KCL WTR. ZONE BROKE @ 2800#, AVG 2.1 BPM @ 1300#. ISIP 1000#. PU RET. TOOL & RIH W/2-7/8" TBG. TO 4505'. FLUSH TBG. W/2% KCL WTR @ 250°F. RU & SWABBED WELL. FL @ SURF. MADE 13 RUNS & RECOVERED 95 BBLs. WATER W/TRACE OF OIL. SDFN.

RIG	\$1,454	
BOPE	\$ 150	
TANKS	\$ 90	
HOT OILER	\$ 390	
WATER	\$ 360	
WELLHEAD	\$1,520	
DC:	\$3,964	CC: \$9,670

Attachment G-2 cont.

WELL HISTORY

PLEASANT VALLEY FED. #21-15H
DUCHESNE COUNTY, UTAH

3-24-97: PREP. TO FRAC "DC4" INTERVAL @ 4502'-15'
DC: \$0 CC: \$9,670

3-25-97: SITP 5#. RU & RIH W/SWAB. FL @ 600'. (3400' FLUID ENTRY IN 37 HRS.) MADE 20 RUNS & RECOVERED 92 BBLs. WATER W/NO OIL RECOVERY. FLUID LEVEL STABILIZED @ 3900' W/18 BBLs./HR. FLUID ENTRY. RIH W/2-7/8" TBG. TO RBP @ 4628'. RELEASED PLUG & RESET @ 4467'. TESTED RBP & CSG. TO 4000#, HELD OK. POO W/TBG. & RET. TOOL. RU WESTERN ATLAS WIRELINE. RIH W/4" CSG. GUN & PERFORATED "A" INTERVAL @ 3874'-89', 4 SPF, 60 HOLES. BROKE DOWN PERFS W/RIG PUMP USING 2% KCL WTR. ZONE BROKE @ 2600#, AVG 2.7 BPM @ 1150#, ISIP 1000#. RIH W/2-7/8" TBG. & RET. TOOL TO 4312'. RU & SWABBED WELL. FL @ SURFACE. MADE 4 RUNS & RECOVERED 30 BBLs. WATER. FINAL FLUID LEVEL @ 1300'. SION.

RIG	\$2,096	
BOPE	\$ 150	
TANKS	\$ 90	
TOOLS	\$ 300	
WATER	\$1,605	
HOT OILER	\$1,126	
WIRELINE	\$1,590	
DC:	\$6,957	CC: \$16,627

3-26-97: SITP 0# & SICP 0#. RU & RIH W/SWAB WELL. FL @ 1300'. (NO FLUID ENTRY OVERNIGHT.) SWABBED WELL DOWN IN 7 RUNS. RECOVERED 44 BBLs. WATER W/2% OIL SHOW ON LAST RUN. MADE TWO MORE HOURLY RUNS W/5 BBLs. PER HOUR FLUID ENTRY (80% OIL CUT). FINAL FLUID LEVEL @ 3400'. SION.

RIG	\$ 965	
BOPE	\$ 150	
TANKS	\$ 90	
DC:	\$1,205	CC: \$17,832

3-27-97: SITP & SICP 25#. RU & SWABBED WELL. FL @ 2500'. (900' FLUID ENTRY OVERNIGHT.) MADE TWO RUNS & RECOVERED 9 BBLs. FLUID (6 BO & 3 BW). POH W/2-7/8" TBG. & RET. TOOL. RU HALLIBURTON & FRACED "A" INTVL @ 3874'-89'. AVG. RATE 30 BPM, AVG. PSI 1500#, MAX. RATE 33.1 BPM, MAX. PSI 4004#. WELL SCREENED OUT W/6.25# SAND @ PERFS. PUMPED 264 BBLs. FLUID & 42,800# 16/30 SAND. HAD 24,000# SAND INTO FORMATION. FLOWED BACK WELL TO FRAC TANK. RECOVERED 25 BBLs. FRAC FLUID.

ATTACHMENT H

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. **Plug #1** Set 296' plug from 5210'-5506' with 44 sxs Class "G" cement.
2. **Plug #2** Set 287' plug from 4797'-5084' with 43 sxs Class "G" cement.
3. **Plug #3** Set 163' plug from 4402'-4565' with 29 sxs Class "G" cement.
4. **Plug #4** Set 165' plug from 3774'-3939' with 29 sxs Class "G" cement
5. **Plug #5** Set 200' plug from 2000'-2200' with 25 sxs Class "G" cement.
6. **Plug #6** Set 100' plug from 450'-550' (50' on either side of casing shoe) with 15 sxs
Class "G" cement.
7. **Plug #7** Set 50' plug from surface with 10 sxs Class "G" cement.
8. Pump 50 sxs Class "G" cement down the 8-5/8" x 5-1/2" annulus.

The approximate cost to plug and abandon this well is \$18,00

Attachment H-1

Pleasant Valley #21-15H-9-17

Spud Date: 7/07/82
Put on Production: 12/01/82
GL: 5197' KB: 5211'

Initial Production: 47 BOPD,
15 MCFPD, 0 BWPD

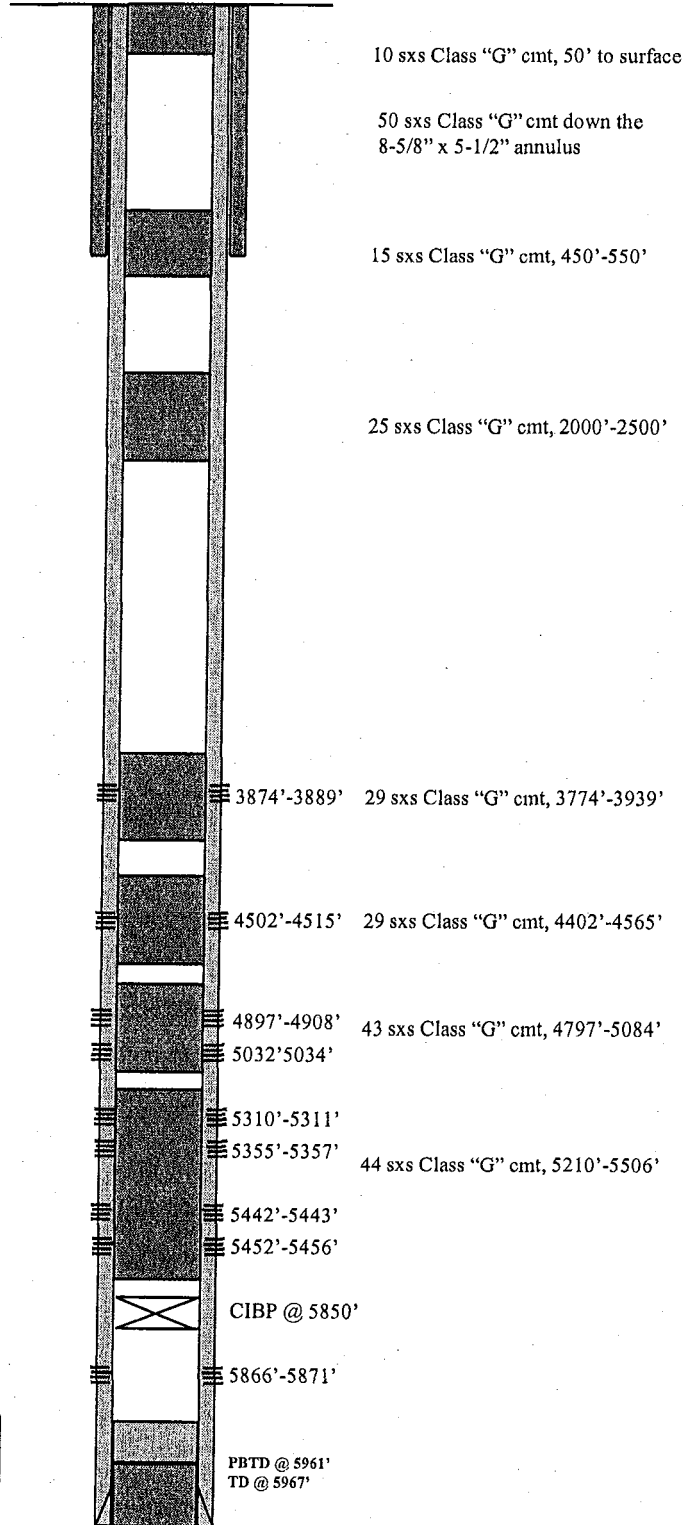
SURFACE CASING

CSG SIZE: 9-5/8"
GRADE: K-55 ST&C
WEIGHT: 36#
LENGTH: 12 jts. (500')
DEPTH LANDED: 500'
HOLE SIZE: 12-1/4"
CEMENT DATA: To surface

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: N-80 LT&C
WEIGHT: 17#
LENGTH: 148 jts. (5961')
DEPTH LANDED: 5961'
HOLE SIZE: 7-7/8"
CEMENT DATA: 175 sxs BJ lite, tail w/750 sxs BJ 50-50 poz mix

Proposed P&A Wellbore Diagram



Inland Resources Inc.

Pleasant Valley #21-15H-9-17

660' FNL & 1981' FWL

NENW Section 15-T9S-R17E

Duchesne Co, Utah

API #43-013-30614; Lease #UTU-74805



LEGAL NOTICES

Your Right To Know!

ADVERTISE- MENT FOR BIDS

Separate sealed Bids for the Construction of Roosevelt City 1999 Pedestrian Safety Sidewalk Improvements (UDOT # 1099) will be received by Roosevelt City Corporation at the Roosevelt City Hall, 255 South State Street until September 20, 1999 at 1:00 p.m. (MST), and then at said Office, publicly opened and read aloud.

The principal items of work are approximately as follows:

Roadway: Excavation, Installation of 430 lineal feet of 30 inch Curb & Gutter, 415 lineal feet of sidewalk (6'), 110 tons of U.B.C., 180 linear feet of 6' chain link fence, and 5 disabled pedestrian ramps.

The project is to be started after March 1, 2000 and shall be completed on or before April 30, 2000.

Bidders on this work will be required to comply with the President's Executive Order No. 11246 and the Equal Employment Opportunity and Labor Standard Provisions.

The CONTRACT DOCUMENTS, consisting of Advertisement for Bids, Information for Bidders, BID, BID BOND, Agreement, GENERAL CONDITIONS, SUPPLEMENTAL GENERAL CONDITIONS, Payment Bond, PERFORMANCE BOND, NOTICE OF AWARD, NOTICE TO PROCEED, CHANGE ORDER, DRAWINGS, SPECIFICATIONS and ADDENDA, may be examined at the following locations:

Horrocks Engineers, One West Main, American Fork, Utah 84003

Copies of the CONTRACT DOCUMENTS may be obtained at the office of Horrocks Engineers located at One West Main Street, American Fork, Utah 84003 and 50 North 100 East, Roosevelt, Utah 84066 upon payment of \$35.00 for each set, none of which will be refunded.

All bidders are required to provide a bid bond in the amount of 10% of their bid, and the successful BIDDER will be required to provide payment and performance bonds underwritten by the Surety Company approved by the U.S. Department of the Treasury. (Circular 570, latest edition.)

September 1, 1999
Dennis Jenkins
Mayor
Published in the Uintah Basin Standard September 7 & 14, 1999

NOTICE TO WATER

TITY: 1.59 ac-ft. SOURCE: 6 in. Well 100 ft. To 200 ft. Deep. POD: (1) S 950 E 650 from W1/4 Cor. Sec 30, T3S, R5W, SLB&M. (7 Miles West of Duchesne) USE: Irrigation: from Apr 1 to Oct 31, total acreage 0.2500 acs; Stockwatering: 5 head of livestock; Domestic: 1 family. POU: NW1/4SW1/4 Sec 30, T3S, R5W.

43-10965 (A72346): Kathy Goodin QUANTITY: 1.48 ac-ft. SOURCE: 6 in. Well 40 ft. Deep. POD: (1) S 930 W 2440 from E1/4 Cor. Sec 24, T1N, R2W. (Neola) USE: Irrigation: from Apr 1 to Oct 31, total acreage 0.2500 acs; Stockwatering: 10 head of livestock; Domestic: 1 family. POU: NW1/4SE1/4 Sec 24, T1N, R2W.

90-1085 (A72342): Glen D. & June A. Borst QUANTITY: 0.25 ac-ft. SOURCE: (2) Unnamed Springs. POD: (1) S 65 W 2650 (2) S 240 W 2610 from E1/4 Cor. Sec 8, T11S, R11E, SLB&M. (27 miles North of Price) USE: Domestic: 1 family. POU: NW1/4SE1/4 Sec 8, T11S, R11E, SLB&M.

Robert L. Morgan, P.E.
STATE ENGINEER

Published in the Uintah Basin Standard September 7 & 14, 1999

NOTICE TO WATER USERS

The State Engineer received the following Application(s) to Appropriation or Change Water in Duchesne County (Locations in USB&M).

Persons objecting to an application must file a CLEARLY READABLE PROTEST stating FILING NUMBER, REASONS FOR OBJECTION, PROTESTANTS' NAME AND RETURN ADDRESS, and any request for a hearing. Protest must be filed with the State Engineer, Box 146300, Salt Lake City, UT 84146-3000 (801-538-7240) on or before **OCTOBER 11, 1999**. Informal proceedings as per Rule R655-6-2 of the Division of Water Rights.

(LEGEND: Point(s) of Diversion = POD; Place of Use = POU; Nature of Use = USE)

APPLICATION(S) TO APPROPRIATE WATER
43-10942 (A72231): Dan and Linda L. Scartezina QUANTITY: 0.4 ac-ft. SOURCE: 6 in. Well 50 ft. To 200 ft. Deep. POD: (1) N 45 E 3597 from SW Cor. Sec 14, T4S, R8W, SLB&M. (7 mi. SE of Fruitland) USE: Irrigation: from Apr 1 to Oct 31, total acreage 0.1000 acs. POU: SW1/4SE1/4 Sec 13, T4S,

Starvation Reservoir. POD: (1) S 2754 E 457 from NW Cor. Sec 27, T3S, R5W. USE: Same as Heretofore. POU: SW1/4NE1/4, SE1/4NW1/4 Sec 4, T4S, R3W. Robert L. Morgan, P.E.
STATE ENGINEER
Published in the Uintah Basin Standard September 14 & 21, 1999

PUBLIC NOTICE

NOTICE is hereby given that the time and place for SATELLITE REGISTRATION for Duchesne City Municipal Election Of the names of qualified electors in Duchesne City, Utah, prior to the Primary Election to be held on Tuesday, October 5, 1999. Will be between the hours of 8:00 a.m. and 8:00 p.m. on the following days: Friday, September 24, 1999, and Monday, September 27, 1999 at the following location: Duchesne County Administration Building in the office of the County Clerk, 734 North Center Street in Duchesne.

ATTEST: Diane Freston, Duchesne County Clerk

Published in the Uintah Basin Standard September 14 & 21, 1999.

NOTICE OF AGENCY ACTION CAUSE NO. UIC-244

IN THE MATTER OF THE APPLICATION OF INLAND PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF 13 WELLS IN DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS. THE PROPOSED INJECTION WELLS ARE LOCATED IN: SEC 32, TWP 8 S, RING 16 E; SECS 28, 29, 31 & 33, TWP 8 S, RING 17 E; SEC 12, TWP 9 S, RING 15 E; SEC 6 & 12, TWP 9 S, RING 16 E; SEC 15, TWP 9 S, RING 17 E; S.L.M.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Inland Production Company for administrative approval of the following wells as Class II injection wells: Wells Draw Unit Wells: State 14-32-8-16, 23-32-8-16 & 32-32-8-16 wells, located in Sec 32, Twp 8 S, Ring 16 E; Ashley Unit Well: Ashley Federal 1-12-0-15 well, located in

DIVISION OF OIL, GAS & MINING
John R. Baza
Associate Director
Published in the Uintah Basin Standard September 14, 1999.

NOTICE OF REGULAR MEETING OF THE BOARD OF COUNTY COMMISSIONERS OF DUCHESNE COUNTY

PUBLIC NOTICE is hereby given that the Board of Duchesne County Commissioners will meet in regular public session on Monday in the Commission Board Room of the Duchesne County Administration Building in Duchesne, Utah commencing at 1:00 p.m. on September 13, 1999.

The agenda for the meeting is as follows:

- 1:00 p.m. Prayer/Pledge of Allegiance/Reading of the Minutes
- Road Items - Supervisor Nielsen
- Discussion of Proposed Purchase of Road Department Lay Down Machine
- Auditor's Office Vouchers - Department Head Time Sheets
- Action Items -

* Soil Conservation District Budget - Lamar Wilson

* Property Taxes - Mike Baker

* Resolution 99-14 A Resolution Approving Participation in the Indigent Capital Defense Trust Fund and Committing to Fulfill the Assessment Requirements as Set Forth in Section 77-32-601 Through 77-32-603, Utah Code, as Enacted by the Legislature in Senate Bill 103 in the 1998 General Session.

* Change of Agent of Record - For the Following Insurance Programs: Dental Medical, Life, Disability.

* Plat Amendments

American Cellular Inc. - Mountain High Estates Phase 1, Plat Amendment #1, Sec 7, T11S, R11E, USB&M, Arroyo Canyon American Cellular Inc. - Tabby Heights Phase 1, Plat Amendment #2, Section 27, T1S, R8W, USB&M, Tabiona

* Setting Date of Public Hearing for An Ordinance Amending Chapter 17.60.50 Manufactured Home and Travel Trailers Prohibited - Exceptions

* Adoption of Resolution 99-15, A resolution Declaring that it is in the Best Interest of the County

and the Residents Concerned that the Duchesne County Upper Country Water Improvement District be Enlarged and Extended by the Annexation of a Tract of Land Adjacent Thereto and Providing that Notice of Intention be Published Fixing the Time and Place of Hearing for all Persons to be Heard Relative to Said Annexation.

* Discussion of Appointment to the Unexpired Seat A. Moon Lake Division, Duchesne County Water Conservancy Board.

I, Diane Freston, Duchesne County Clerk/Auditor, certify that on September 10, 1999 pursuant to U.C.A. 52-4-6, this notice posted at least 24 hours prior to meeting time. Notice also given to the Radio Station, KNEU, and the Uintah Basin Standard.

Diane Freston, Duchesne County Clerk/Auditor
IN COMPLIANCE WITH THE AMERICANS WITH DISABILITIES ACT, PERSONS NEEDING AUXILIARY COMMUNICATIVE AIDS AND SERVICES FOR THIS MEETING SHOULD CALL THE DUCHESNE COUNTY CLERK'S OFFICE THREE DAYS NOTICE IS REQUIRED. (Toll Free 738-1100, 722-3997 & 822-4680)

Published in the Uintah Basin Standard September 14, 1999.

NOTICE OF DECISION

On September 8, 1999, Roosevelt-Duchesne District Ranger, Joseph R. Bistrisky, made the decision to construct a big game cattle enclosure within an aspen stand on Anthro Mountain within section 5 of T7SR5W. The enclosure will have two parts, one that excludes livestock but allows access by big game animals and one that excludes all ungulates. A decision was also made not to conduct a prescribed burn in this same area. The purpose and need for the enclosure is to monitor aspen regeneration in the understory of a mature aspen stand. Our goal is to learn more about the factors influencing regrowth and perpetuation of aspen stands on Anthro Mountain.

An environmental analysis and public review of this project were completed and no extraordinary circumstances or substantial environmental effects were identified. Therefore, this project has been categorically excluded from documentation in an environmental assessment document or environmental impact statement. The associated Decision Memo is

available at the Duchesne District Office, Duchesne, Utah 84301. Pursuant to 215-8(a), is not subject to implementation. Decision may be appealed to the District Office at 1181. Published in the Basin Standard September 14, 1999.

PUBLIC NOTICE

The Utah Institution Administration received and lease the following description:

Duchesne Township Range 15E Section 4

Contains more or less

Any individual to submit a application and/or property, a

original parcel in the above- age, should application an

ate applicat

The Tru

ministration

right to relection or subs

Published in the Basin Standard September 14, 21 & 28,

THE TRU

ministration

right to relection or subs

Published in the Basin Standard September 14, 21 & 28,

THE TRU

ministration

right to relection or subs

Published in the Basin Standard September 14, 21 & 28,



RICH J RANCH/CLIFF VOOR

12th Annual

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH

---ooOoo---

IN THE MATTER OF THE APPLICATION OF	:	NOTICE OF AGENCY
INLAND PRODUCTION COMPANY FOR	:	ACTION
ADMINISTRATIVE APPROVAL OF 13 WELLS	:	
IN DUCHESNE COUNTY, UTAH, AS CLASS	:	CAUSE NO. UIC-244
II INJECTION WELLS. THE PROPOSED	:	
INJECTION WELLS ARE LOCATED IN:	:	
SEC 32, TWP 8 S, RNG 16 E; SECS 28, 29,	:	
31 & 33, TWP 8 S, RNG 17 E; SEC 12, TWP 9	:	
S, RNG 15 E; SEC 6 & 12, TWP 9 S, R 16 E;	:	
SEC 15, TWP 9 S, R 17 E; S.L.M.	:	

---ooOoo---

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

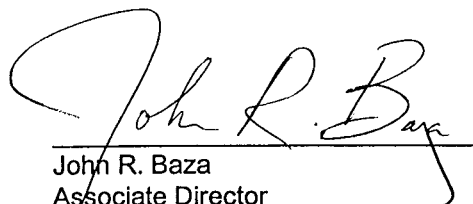
Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Inland Production Company for administrative approval of the following wells as Class II injection wells: Wells Draw Unit Wells: State 14-32-8-16, 23-32-8-16 & 32-32-8-16 wells, located in Sec 32, Twp 8 S, Rng 16 E; Ashley Unit Well: Ashley Federal 1-12-9-15 well, located in Sec 12, Twp 9 S, R 15 E; Boundary Unit Wells: Tar Sands Federal 5-29-8-17, 1-33-8-17 & Tar Sands 7-28-8-17 wells, located in Secs 28, 29 & 33, Twp 8 S, R 17 E; Jonah Unit Well: Monument Federal 42-12J-9-16 well, located in Sec 12, Twp 9 S, Rng 16 E; Lone Tree Unit Wells: South Pleasant Valley 7-15-9-17 & Pleasant Valley 21-15H-9-17 wells, located in Sec 15, Twp 9 S, Rng 17 E; Sand Wash Unit Wells: Tar Sands 5-31-8-17 & Tar Sands Federal 13-29-8-17 wells, located in Sec 29 & 31, Twp 8 S, Rng 17 E; West Point Unit Well: Monument Federal 43-6-9-16 well, located in Sec 6, Twp 9 S, Rng 16 E, S.L.M., Duchesne County, Utah. The proceeding will be conducted in accordance with Utah Admin. R.649-10, Administrative Procedures.

The Green River Formation will be selectively perforated for water injection. The maximum injection pressure and rate will be determined on each individual well based on fracture gradient information submitted by Inland Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. If such a protest or notice of intervention is received, a hearing will be scheduled before the Board of Oil, Gas and Mining. Protestants and/or intervenors should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 8th day of September 1999.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING


John R. Baza
Associate Director

DIVISION OF OIL, GAS AND MINING
UNDERGROUND INJECTION CONTROL PROGRAM

**PERMIT
STATEMENT OF BASIS**

Applicant: Inland Production Company

Well: P.V. 21-15H-9-17

Location: 15/9S/17E

API: 43-013-30614

Ownership Issues: The proposed well is located on BLM land. The well is located in the Lone Tree Unit. Lands in the one-half mile radius of the well are administered by the BLM. The Federal Government is the mineral owner. Inland and various other individuals hold the leases in the unit. Inland has provided a list of all surface, mineral and lease holders in the half-mile radius. Inland is the operator of the Lone Tree Unit. Inland has submitted an affidavit stating that all owners and interest owners have been notified of their intent.

Well Integrity: The proposed well has surface casing set at 500 feet and is cemented to surface. A 5 ½ inch production casing is set at 5961 feet and has a cement bond exceeding 80% up to 1486 feet. A 2 7/8 inch tubing with a packer will be set at 3823 feet. A mechanical integrity test will be run on the well prior to injection. There are 7 producing or injection wells in the area of review. All of the wells have adequate casing and cement. No corrective action will be required.

Ground Water Protection: According to Technical Publication No. 92 the base of moderately saline water is at a depth of approximately 300 feet. Injection shall be limited to the interval between 3874 feet and 5456 feet in the Green River Formation. Information submitted by Inland indicates that the fracture gradient for the P.V. 21-15H-9-17 well is .721 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1400 psig. The requested maximum pressure is 1400 psig. The anticipated average injection pressure is 1100 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be adequately protected.

P.V. 21-15H-9-17
page 2

Oil/Gas& Other Mineral Resources Protection: The Board of Oil, Gas & Mining approved the Lone Tree Unit on August 26,1998. Correlative rights issues were addressed at that time. Previous reviews in this area indicate that other mineral resources in the area have been protected or are not at issue.

Bonding: Bonded with the BLM

Actions Taken and Further Approvals Needed: A notice of agency action has been sent to the Salt Lake Tribune the Vernal Express and the Uinta Basin Standard. A casing/tubing pressure test will be required prior to injection. It is recommended that Administrative approval of this application be granted.

Note: Applicable technical publications concerning water resources in the general vicinity of this project have been reviewed and taken into consideration during the permit review process.

Reviewer(s): Brad Hill Date: 12/27/98



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor
Kathleen Clarke
Executive Director
Lowell P. Braxton
Division Director

1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801
801-538-5340
801-359-3940 (Fax)
801-538-7223 (TDD)

December 27, 1999

Inland Production Company
410 Seventeenth Street, Suite 700
Denver, Colorado 80202

Re: Lone Tree Unit Well: Pleasant Valley 21-15H-9-17, Section 15, Township 9 South,
Range 17 East, Duchesne County, Utah

Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced well to a Class II injection well. Accordingly, the following stipulations shall apply for full compliance with this approval:

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
2. Conformance with all conditions and requirements of the complete application submitted by Inland Production Company.
3. A casing\tubing pressure test shall be conducted prior to commencing injection.

If you have any questions regarding this approval or the necessary requirements, please contact Brad Hill or Dan Jarvis at this office.

Sincerely,

John R. Baza
Associate Director, Oil and Gas

cc: Dan Jackson, Environmental Protection Agency
Bureau of Land Management, Vernal
Inland Production Company, Myton

INJECTION WELL - PRESSURE TEST

Well Name: <u>FED NGC # 21-15 H</u>	API Number: <u>43-013-30614</u>
Qtr/Qtr: <u>NE/NW</u>	Section: <u>15</u> Township: <u>9S</u> Range: <u>17E</u>
Company Name: <u>INLAND PRODUCTION COMPANY</u>	
Lease: State <u> </u> Fee <u> </u>	Federal <u>U-10760</u> Indian <u> </u>
Inspector: <u>Dennis Longmuir</u>	Date: <u>3/20/2000</u>

Initial Conditions:

Tubing - Rate: Pressure: 0 psiCasing/Tubing Annulus - Pressure: 1320 psi

Conditions During Test:

Time (Minutes)	Annulus Pressure	Tubing Pressure
0	<u>1320 PSI</u>	<u>0 PSI</u>
5	<u>1320 "</u>	<u>0 "</u>
10	<u>1320 "</u>	<u>0 "</u>
15	<u>1320 "</u>	<u>0 "</u>
20	<u>1320 "</u>	<u>0 "</u>
25	<u>1320 "</u>	<u>0 "</u>
30	<u>1320 "</u>	<u>0 "</u>

Results: Pass / Fail

Conditions After Test:

Tubing Pressure: 0 psiCasing/Tubing Annulus Pressure: 1320 psi

COMMENTS: CONVERSION TO WTIW, ORIGINAL TEST.
ALSO USED CHANTON CASING SIDE. NO LEAK OFF

[Signature]
 Operator Representative



PRODUCTION COMPANY

A Subsidiary of Inland Resources Inc.

March 20, 2000

Mr. Brad Hill
State of Utah, DOGM
1594 West North Temple, Suite 1310
P.O. Box 145801
SLC, Utah 84114-5801

Re: Pleasant Valley Fed. 21-15H-9-17
Injection Conversion

Dear Brad:

Inland converted the subject well from a producing to an injection well on March 18, 2000. A mechanical integrity test (MIT) was conducted and witnessed by Mr. Dennis Ingram on March 20, 2000. The casing was pressure to 1320 psi and held for 30 minutes with no pressure loss.

Find enclosed an MIT sundry, tabular data sheet, and a chart recording of the test. Inland is requesting permission to commence injection on the subject well. Please contact me at the number listed below if you have any questions.

Sincerely,

Jody Liddell
Production Foreman

Enclosures

RECEIVED

MAR 22 2000

DIVISION OF
OIL, GAS AND MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

1. SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT--" for such proposals.)		5. LEASE DESIGNATION AND SERIAL NO. U-10760	
		6. IF INDIAN, ALLOTTEE OR TRIBAL NAME N/A	
OIL <input type="checkbox"/> GAS <input type="checkbox"/> WELL <input checked="" type="checkbox"/> WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		7. UNIT AGREEMENT NAME LONE TREE	
2. NAME OF OPERATOR INLAND PRODUCTION COMPANY		8. FARM OR LEASE NAME FED NGC 21-15	
3. ADDRESS OF OPERATOR Route 3, Box 3630, Myton Utah 84052 (435-646-3721)		9. WELL NO. FED NGC 21-15	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface NE/NW 0660 FNL 1981 FWL		10. FIELD AND POOL, OR WILDCAT MONUMENT BUTTE	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA NE/NW Section 15, T09S R17E	
14. API NUMBER 43-013-30614	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5211 KB	12. COUNTY OR PARISH DUCHESNE	13. STATE UT

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data			
NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>	(OTHER) <u>convert to Injector</u>	<input checked="" type="checkbox"/>
(OTHER) <input type="checkbox"/>	<input type="checkbox"/>	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17 DESCRIBE PROPOSED OR COMPLETED OPERATIONS. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

The subject well was converted from a production to an injection well. Mr. Bahram Jafari of the EPA and Mr. Dennis Ingram of the State DOGM were notified of the intent to perform an MIT on March 18, 2000. On March 20, 2000 the casing annulus was pressured to 1320 psi and maintained for 30 minutes with no pressure loss. Dennis Ingram witnessed and approved the test. Inland is requesting permission to commence injection.

EPA Permit # UT 2853-04513

18 I hereby certify that the foregoing is true and correct
SIGNED Jody Liddell TITLE Production Foreman DATE 3/20/00

(This space for Federal or State office use)
APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

* See Instructions On Reverse Side

RECEIVED
MAY 22 2000
DIVISION OF
OIL, GAS AND MINING

TOTAL WELL COST: \$20,100

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program, UIC Direct Implementation Program 8P-W-GW
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____ Date: 3 / 20 / 2000
Test conducted by: Jody Liddell
Others present: Dennis Ingram State of Utah (DOGm)

Well Name: <u>Lone Tree Pleasant Valley Fed 21-15H-9-17</u>		Type: <u>ER SWD</u>	Status: <u>AC TA UC</u>
Field: <u>Monument Butte</u>		Permit #: <u>Ut 2853-04513</u>	
Location: <u>NE/NW</u> Sec: <u>15</u> T <u>9</u> N/S R <u>17</u> E/W		County: <u>Duchesne</u>	State: <u>Utah</u>
Operator: <u>Inland Production Company</u>			
Last MIT: <u>/ /</u>		Maximum Allowable Pressure: _____ PSIG	

Is this a regularly scheduled test? ☐ Yes ☒ No

Initial test for permit? ☒ Yes ☐ No

Test after well rework? ☐ Yes ☒ No

Well injecting during test? ☐ Yes ☒ No If Yes, rate: _____ bpd

Pre-test casing/tubing annulus pressure: 0 psig

MIT DATA TABLE		Test #1	Test #2	Test #3
TUBING PRESSURE				
Initial Pressure	<u>0</u> psig			
End of test pressure	<u>0</u> psig			
CASING / TUBING ANNULUS PRESSURE				
0 minutes	<u>0</u> psig			
5 minutes	<u>1320</u> psig			
10 minutes	<u>1320</u> psig			
15 minutes	<u>1320</u> psig			
20 minutes	<u>1320</u> psig			
25 minutes	<u>1320</u> psig			
30 minutes	<u>1320</u> psig			
minutes	<u>0</u> psig			
minutes	psig			
RESULT	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test? ☒ Yes ☐ No

MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness:

Donna L. Lyram (DOGM)

OFFICE USE ONLY - COMPLIANCE FOLLOWUP

Staff _____ Date: ____/____/____

Do you agree with the reported test results? ☐ YES ☐ NO

If not, why? _____

Possible violation identified? ☐ YES ☐ NO

If YES, what _____

If YES - followup initiated? ☐ YES

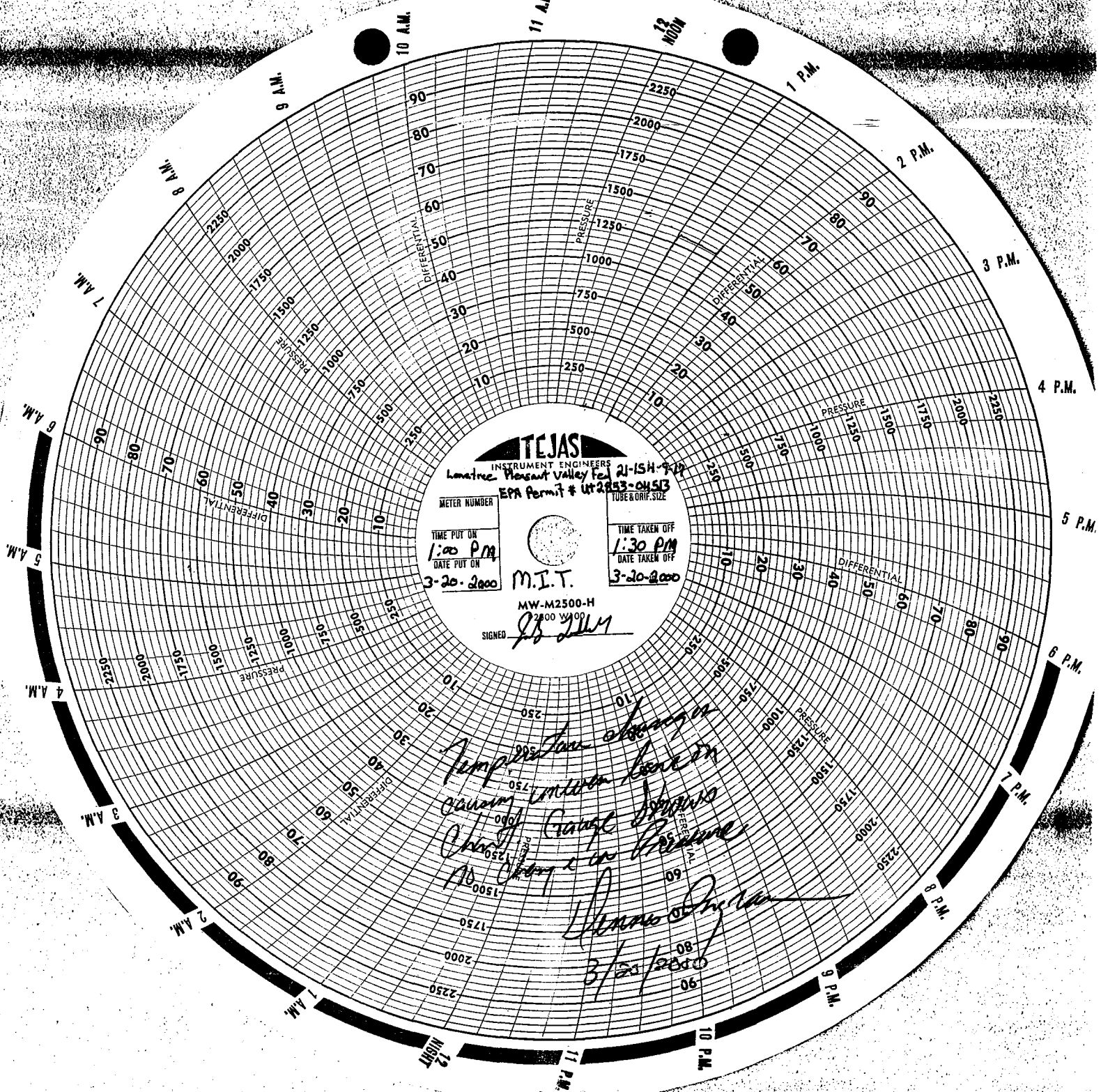
☐ NO - why not? _____

☐ Data Entry

☐ Compliance Staff

☐ 2nd Data Entry

☐ Hardcopy Filing



RECEIVED

15-11-03

DIVISION OF
OIL, GAS AND MINES

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

Route 3, Box 3630, Myton Utah 84052 (435-646-3721)

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

0660 FNL 1981 FWL NE/NW Section 15, T09S R17E

5. Lease Designation and Serial No.

UTU-74805

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

LONE TREE

8. Well Name and No.

FED NGC 21-15

9. API Well No.

43-013-30614

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE COUNTY, UTAH

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☐ Other

☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☒ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is direction-ally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

The subject well was converted from a production to an injection well on 3/19/00. The rods and tubing anchor were removed and a packer was inserted in the bottom hole assembly at 3815'.

14. I hereby certify that the foregoing is true and correct

Signed

Title

District Engineer

Date

3/22/00

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

WTC
7-11-00

**SUMMARY WORKOVER REPORT****PLSNT VLY FED 21-15H****NE/NW Section 15 - T9S - R17E****Duchesne Co., UT****API # 43-013-0614****Spud Dat 7/7/82****TD 5967'****Completion or Workover Rig BASIN #1****Report Date 3/15/00 Day 1****Injection Conversion****Date Work Performed 3/14/00**

MIRU SU. H/O truck pumped 150 BW dwn csg @ 250 deg while rig worked rods free (was able to get circulation). Unseat pump but unable to flush rods. Stack rods out & pressure tbg to 1500 psi before blowing a hole. Flush rods w/80 BW @ 250 deg (well circ'd). TOOH w/rods, LD on trailer, rods were parted & had severe wear on btm 400' of string. ND wellhead, release TA & NU BOP. TOOH w/113 jts tbg before finding rods. LD the rest of the rods & finish TOOH w/tbg (found hole in jt #114). Tally, TIH w/retrieving head, SN w/SV in place & 10 stands tbg. SDFN.

Daily Cost \$4,300 Cumulative Cost \$4,300**Report Date 3/16/00 Day 2****Injection Conversion****Date Work Performed 3/15/00**

Continue TIH pressure testing tbg to 300 psi to 3981'. Try to retrieve SV w/sandline but was unable to due to hard paraffin in tbg. Pulled 10 stds & attempted to fish valve again w/no success. TOOH w/wet string & retrieved SV. TIH w/retrieving head & tbg to sand top @ 4313'. RU pump & circ sand out to plug @ 4467'. Circ'd hole clean, latched onto & released BP. Pulled 21 jts tbg to 3825' & SDFD.

Daily Cost \$2,800 Cumulative Cost \$7,100**Report Date 3/17/00 Day 3****Injection Conversion****Date Work Performed 3/16/00**

Continue TOOH w/tbg & LD RBP. PU bit w/scraper & TIH to 5481' w/tbg. LD 47 jts tbg, TOOH breaking, cleaning & inspecting pins & collars, then applying Liquid-O-Ring and re-torque connectins. Stood 26 stds in derrick, EOT @ 2781'. SDFN.

Daily Cost \$3,100 Cumulative Cost \$10,200**Report Date 3/18/00 Day 4****Injection Conversion****Date Work Performed 3/17/00**

Continue TOOH w/tbg breaking, cleaning and applying Liquid-O-Ring to every pin. 10 stands outs weather was too windy. SIFN.

Daily Cost \$1,400 Cumulative Cost \$11,600**Report Date 3/19/00 Day 5****Injection Conversion****Date Work Performed 3/18/00**

Continue TOOH w/tbg breaking, cleaning, inspecting & applying Liquid-O-Ring to every pin. RD bit & scraper. RU wireline entry guide, Arrow Set 1 pkr & SN. TIH w/117 jts tbg. ND BOP. Pump 80 bbls pkr fluid (well full after 25 bbls). Set pkr @ 3815' w/15,000# tension. Pressure test csg, pkr & tbg to 1155 psi for 1 hr w/no loss of pressure. RDMO SU. Well ready for MIT on csg.

Daily Cost \$2,300 Cumulative Cost \$13,900

**SUMMARY WORKOVER REPORT****Report Date 3/20/00 Day 6****Injection Conversion****Date Work Performed 3/19/00**

On 3/18/00 Mr. Bahram Jafari w/EPA & Mr. Dennis Ingram w/State of Utah DOGM was notified of a MIT to be performed on 3/20/00 on the Lone Tree PVF 21-15H-9-17. On 3/20/00 the csg was pressured to 1320 psi & maintained for 30 minutes w/no pressure loss, the tbq has 0 on it. Mr. Dennis Ingram w/DOGM was able to witness and approve the test (EPA permit #UT 2853-04513).

Daily Cost \$6,200 Cumulative Cost \$20,100

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

Route 3, Box 3630, Myton Utah 84052 (435-646-3721)

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

0660 FNL 1981 FWL NE/NW Section 15, T09S R17E

5. Lease Designation and Serial No.

UTU-74905

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

LONE TREE

8. Well Name and No.

FED NGC 21-15

9. API Well No.

43-013-30614

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE COUNTY, UTAH

12. **CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION

☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☐ Other

☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☒ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

The subject well was converted from a production to an injection well on 3/19/00. The rods and tubing anchor were removed and a packer was inserted in the bottom hole assembly at 3815'.

14. I hereby certify that the foregoing is true and correct

Signed [Signature] Title District Engineer Date 3/22/00

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Kathleen Clarke
Executive Director

Lowell P. Braxton
Division Director

1594 West North Temple, Suite 1210

PO Box 145801

Salt Lake City, Utah 84114-5801

801-538-5340

801-359-3940 (Fax)

801-538-7223 (TDD)

UNDERGROUND INJECTION CONTROL PERMIT

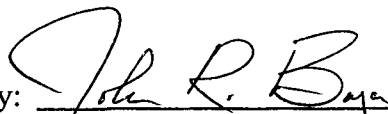
Cause No. UIC-244

Operator: Inland Production Company
Well: Pleasant Valley 21-15H
Location: Section 15 , Township 9 South, Range 17 East, Duchesne County
API No.: 43-013-30614
Well Type: Enhanced Recovery (waterflood)

Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on December 27, 1999.
2. Maximum Allowable Injection Pressure: 1400 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (3874 feet - 5456 feet)

Approved by:


John R. Baza
Associate Director, Oil And Gas

3/29/2000
Date

cc: Dan Jackson Environmental Protection Agency
Bureau of Land Management, Vernal
Inland Production Company, Myton

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT " for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

Route 3, Box 3630, Myton Utah 84052 (435-646-3721)

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

0660 FNL 1981 FWL NE/NW Section 15, T09S R17E

5. Lease Designation and Serial No.

UTU-74805

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

LONE TREE

8. Well Name and No.

FED NGC 21-15

9. API Well No.

43-013-30614

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE COUNTY, UTAH

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other **First Report of Injection**

☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

The subject well was placed on water injection on 4/4/2000.

RECEIVED

APR 13 2000

**DIVISION OF
OIL, GAS AND MINING**

14. I hereby certify that the foregoing is true and correct.

Signed [Signature] Title District Engineer Date 4/11/00

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

STATE OF UTAH

DIVISION OF OIL, GAS, AND MINING

1. **SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use "APPLICATION FOR PERMIT TO DRILL OR DEEPEN" form for such proposals.

OIL ☐ GAS ☐ OTHER ☒ **Injection Well**

2. NAME OF OPERATOR
INLAND PRODUCTION COMPANY

3. ADDRESS AND TELEPHONE NUMBER
**Rt. 3 Box 3630, Myton Utah 84052
435-646-3721**

4. LOCATION OF WELL
Footages **660 FNL 1981 FWL**
QQ, SEC, T, R, M: **NE/NW Section 15, T09S R17**

5. LEASE DESIGNATION AND SERIAL NO.
UTU-74805

6. IF INDIAN, ALLOTTEE OR TRIBAL NAME
N/A

7. UNIT AGREEMENT NAME
LONE TREE

8. WELL NAME and NUMBER
FED NGC 21-15-9-17

9. API NUMBER
43-013-30614

10. FIELD AND POOL OR WILDCAT
MONUMENT BUTTE

COUNTY **DUCHESNE**
STATE **UTAH**

11. **CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA**

NOTICE OF INTENT:
(Submit in Duplicate)

☐ ABANDON ☐ NEW CONSTRUCTION
☐ REPAIR CASING ☐ PULL OR ALTER CASING
☐ CHANGE OF PLANS ☐ RECOMPLETE
☐ CONVERT TO INJECTION ☐ REPERFORATE
☐ FRACTURE TREAT OR ACIDIZE ☐ VENT OR FLARE
☐ MULTIPLE COMPLETION ☐ WATER SHUT OFF
☐ OTHER _____

SUBSEQUENT REPORT OF:
(Submit Original Form Only)

☐ ABANDON* ☐ NEW CONSTRUCTION
☐ REPAIR CASING ☐ PULL OR ALTER CASING
☐ CHANGE OF PLANS ☐ RECOMPLETE
☐ CONVERT TO INJECTION ☐ REPERFORATE
☐ FRACTURE TREAT OR ACIDIZE ☐ VENT OR FLARE
☒ OTHER **Step Rate Test**

DATE WORK COMPLETED _____

Report results of Multiple Completion and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

*Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depth for all markers and zones pertinent to this work.)

A step rate test was conducted on the subject well on 3/29/01. Results from the test indicate that the fracture gradient is .686 psi. Therefore, Inland is requesting that the MAIP be changed to 970 psi.

13. NAME & SIGNATURE: Michael Guinn TITLE District Engineer

DATE 4/13/01

(This space for State use only)

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 04-24-01

By: [Signature]

RECEIVED

APR 17 2001

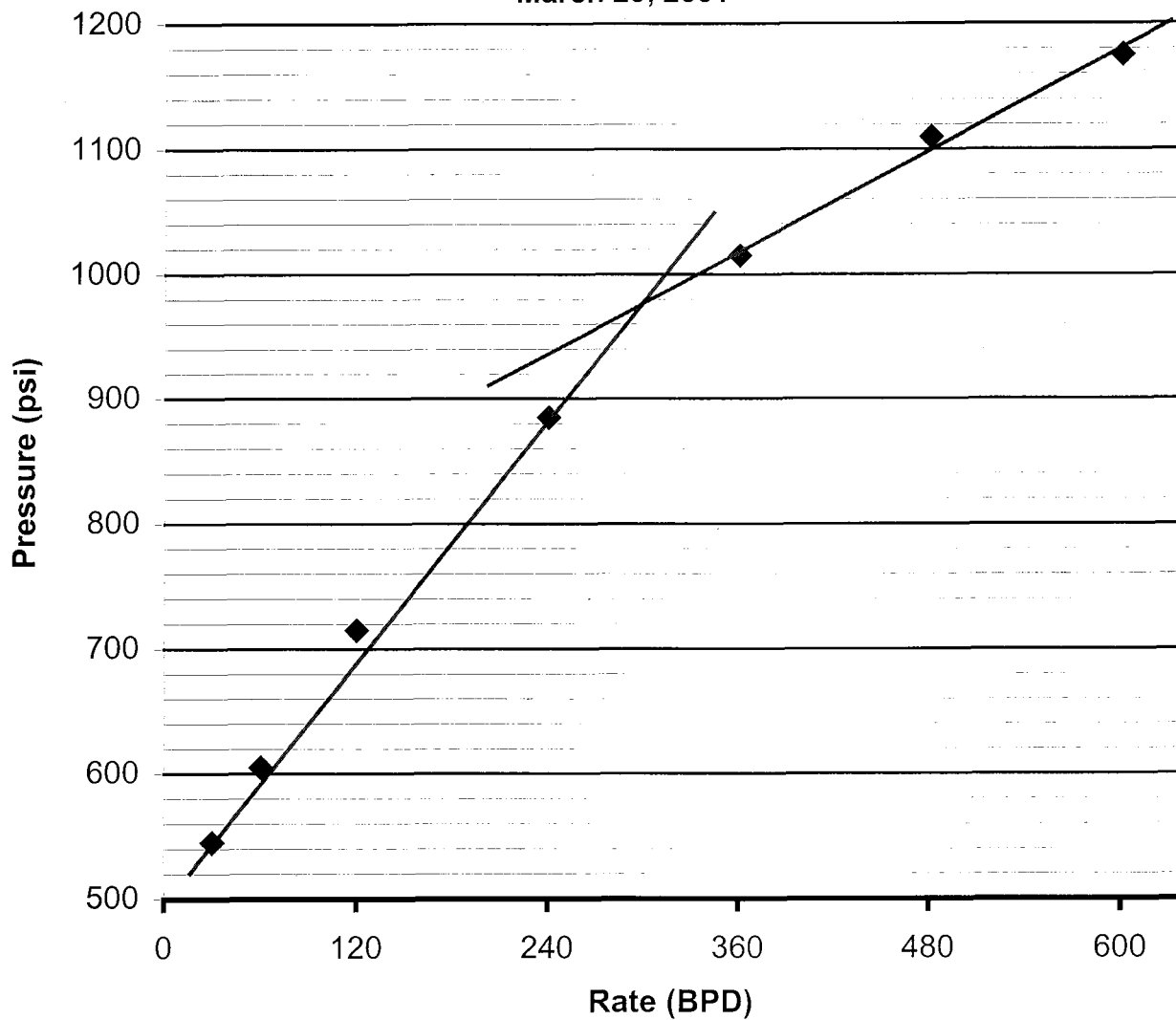
DIVISION OF
OIL, GAS AND MINING

South Pleasant Valley 21-15-9-17

Lone Tree Unit

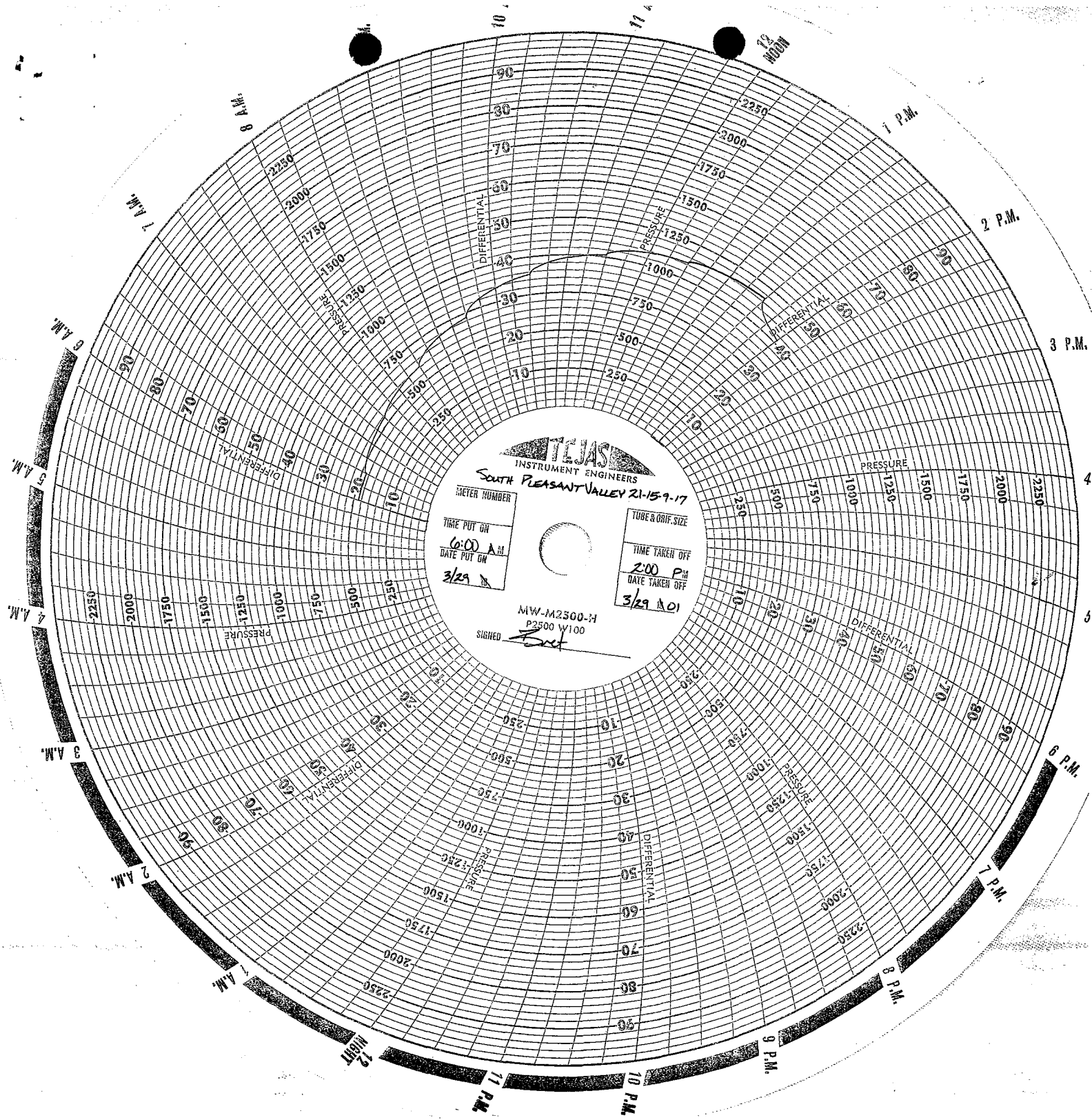
Step Rate Test

March 29, 2001



Start Pressure: 470 psi
ISIP: 1150 psi
Fracture pressure: 970 psi
Top Perforation: 3874 feet
FG: 0.686 psi/ft

Step	Rate (bpd)	Pressure (psi)
1	30	545
2	60	605
3	120	715
4	240	885
5	360	1015
6	480	1110
7	600	1175



TEXAS
INSTRUMENT ENGINEERS

South Pleasant Valley 21-15-9-17

METER NUMBER

TIME PUT ON

6:00 A.M.

DATE PUT ON

3/29

TUBE & ORIF. SIZE

TIME TAKEN OFF

2:00 P.M.

DATE TAKEN OFF

3/29 A.O.I.

MW-M2500-H

P2500 W100

SIGNED

[Signature]

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, c
drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL:		OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> Injection well		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU10760
2. NAME OF OPERATOR: Inland Production Company				6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052				7. UNIT or CA AGREEMENT NAME: LONE TREE UNIT
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 0660 FNL 1981 FWL				8. WELL NAME and NUMBER: FED NGC 21-15H
5. PHONE NUMBER: 435.646.3721				9. API NUMBER: 4301330614
6. FIELD AND POOL, OR WILDCAT: Monument Butte				10. FIELD AND POOL, OR WILDCAT: Monument Butte
7. COUNTY: Duchesne				8. STATE: Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/STOP) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARITLY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLAIR <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input checked="" type="checkbox"/> OTHER: - Step Rate Test
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 09/08/2004	<input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE		

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

A step rate test was conducted on the subject well on August 25, 2004. Results from the test indicate that the fracture gradient is .727 psi/ft. Therefore, Inland is requesting that the maximum allowable injection pressure (MAIP) be changed to 1130 psi.

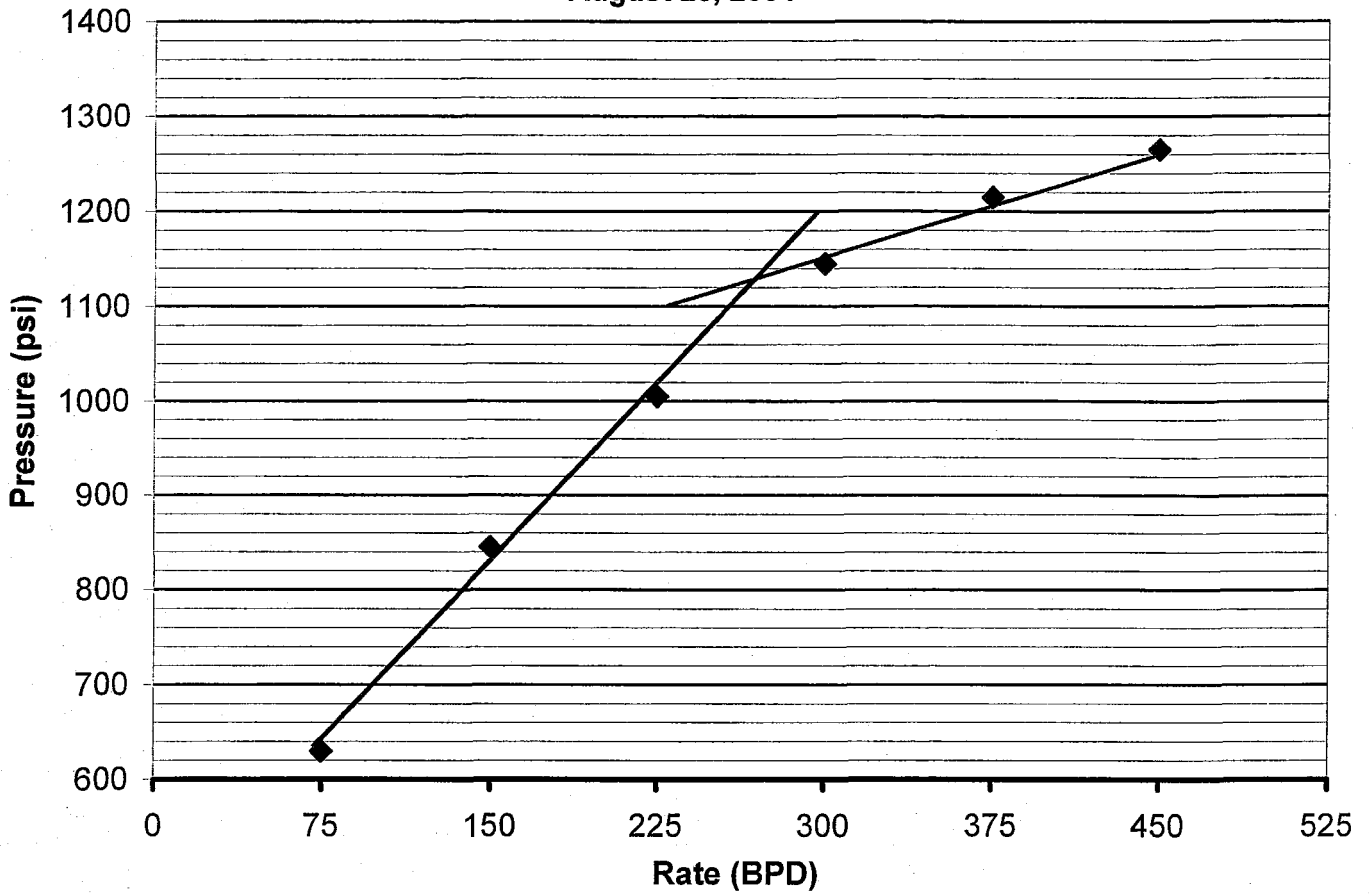
Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

NAME (PLEASE) Mike Guinn TITLE Engineer
SIGNATURE  DATE September 08, 2004

(This space for State use only)

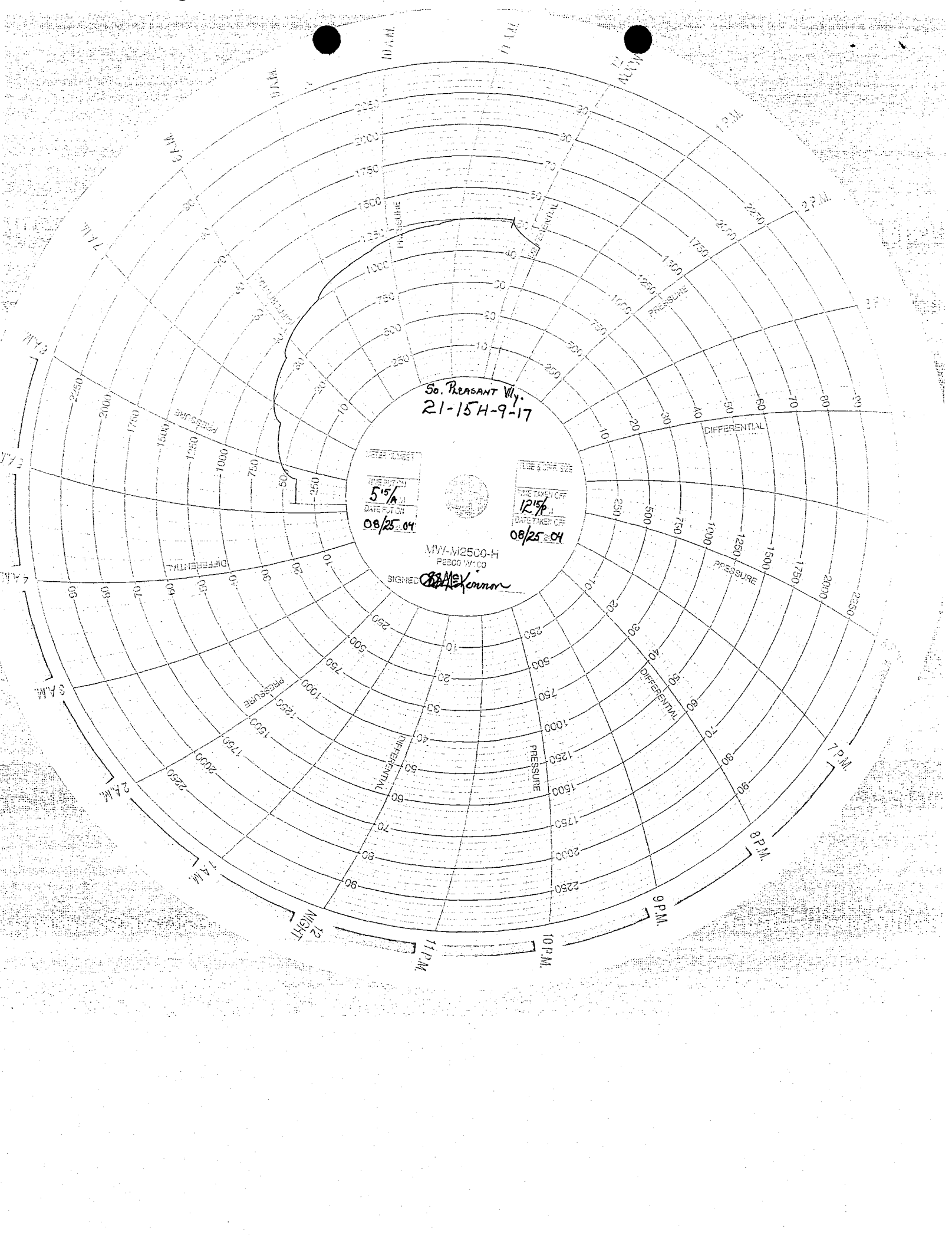
RECEIVED
SEP 09 2004
DIV. OF OIL, GAS & MINING

South Pleasant Valley 21-15H-9-17
Lone Tree Unit
Step Rate Test
August 25, 2004



Start Pressure: 400 psi
Instantaneous Shut In Pressure (ISIP): 1255 psi
Top Perforation: 3874 feet
Fracture pressure (Pfp): 1130 psi
FG: 0.727 psi/ft

Step	Rate(bpd)	Pressure(psi)
1	75	630
2	150	845
3	225	1005
4	300	1145
5	375	1215
6	450	1265





United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155
<http://www.blm.gov>



IN REPLY REFER TO:
3106
(UT-924)

September 16, 2004

Memorandum

To: Vernal Field Office
From: Acting Chief, Branch of Fluid Minerals
Subject: Merger Approval

Attached is an approved copy of the name change recognized by the Utah State Office. We have updated our records to reflect the merger from Inland Production Company into Newfield Production Company on September 2, 2004.

Michael Coulthard
Acting Chief, Branch of
Fluid Minerals

Enclosure

1. State of Texas Certificate of Registration

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114
Teresa Thompson
Joe Incardine
Connie Seare



Office of the Secretary of State

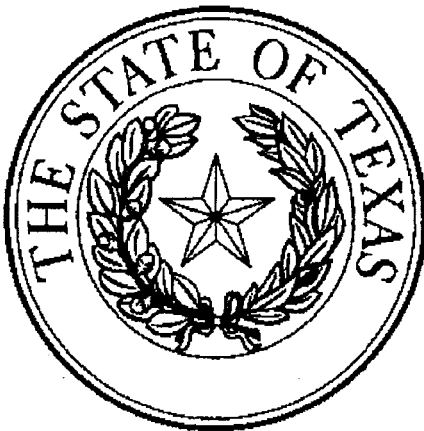
The undersigned, as Secretary of State of Texas, does hereby certify that the attached is a true and correct copy of each document on file in this office as described below:

Newfield Production Company
Filing Number: 41530400

Articles of Amendment

September 02, 2004

In testimony whereof, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in Austin, Texas on September 10, 2004.



A handwritten signature in black ink, appearing to read "G. Connor".

Secretary of State

ARTICLES OF AMENDMENT
TO THE
ARTICLES OF INCORPORATION
OF
INLAND PRODUCTION COMPANY

FILED
In the Office of the
Secretary of State of Texas

SEP 02 2004
Corporations Section

Pursuant to the provisions of Article 4.04 of the Texas Business Corporation Act (the "TBCA"), the undersigned corporation adopts the following articles of amendment to the articles of incorporation:

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

The following amendment to the Articles of Incorporation was approved by the Board of Directors and adopted by the shareholders of the corporation on August 27, 2004.

The amendment alters or changes Article One of the Articles of Incorporation to change the name of the corporation so that, as amended, Article One shall read in its entirety as follows:

"ARTICLE ONE – The name of the corporation is Newfield Production Company."

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

The holder of all of the shares outstanding and entitled to vote on said amendment has signed a consent in writing pursuant to Article 9.10 of the TBCA, adopting said amendment, and any written notice required has been given.

IN WITNESS WHEREOF, the undersigned corporation has executed these Articles of Amendment as of the 1st day of September, 2004.

INLAND RESOURCES INC.

By: Susan G. Riggs
Susan G. Riggs, Treasurer

UTSL-	15855	61052	73088	76561	
071572A	16535	62848	73089	76787	
065914	16539	63073B	73520A	76808	
	16544	63073D	74108	76813	
	17036	63073E	74805	76954	63073X
	17424	63073O	74806	76956	63098A
	18048	64917	74807	77233	68528A
UTU-	18399	64379	74808	77234	72086A
	19267	64380	74389	77235	72613A
02458	26026A	64381	74390	77337	73520X
03563	30096	64805	74391	77338	74477X
03563A	30103	64806	74392	77339	75023X
04493	31260	64917	74393	77357	76189X
05843	33992	65207	74398	77359	76331X
07978	34173	65210	74399	77365	76788X
09803	34346	65635	74400	77369	77098X
017439B	36442	65967	74404	77370	77107X
017985	36846	65969	74405	77546	77236X
017991	38411	65970	74406	77553	77376X
017992	38428	66184	74411	77554	78560X
018073	38429	66185	74805	78022	79485X
019222	38431	66191	74806	79013	79641X
020252	39713	67168	74826	79014	80207X
020252A	39714	67170	74827	79015	81307X
020254	40026	67208	74835	79016	
020255	40652	67549	74868	79017	
020309D	40894	67586	74869	79831	
022684A	41377	67845	74870	79832	
027345	44210	68105	74872	79833	
034217A	44426	68548	74970	79831	
035521	44430	68618	75036	79834	
035521A	45431	69060	75037	80450	
038797	47171	69061	75038	80915	
058149	49092	69744	75039	81000	
063597A	49430	70821	75075		
075174	49950	72103	75078		
096547	50376	72104	75089		
096550	50385	72105	75090		
	50376	72106	75234		
	50750	72107	75238		
10760	51081	72108	76239		
11385	52013	73086	76240		
13905	52018	73087	76241		
15392	58546	73807	76560		

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

Well Name and Number See Attached List		API Number
Location of Well		Field or Unit Name See Attached List
Footage :	County :	Lease Designation and Number
QQ, Section, Township, Range:	State : UTAH	

EFFECTIVE DATE OF TRANSFER: 9/1/2004

CURRENT OPERATOR

Company: Inland Production Company
Address: 1401 17th Street Suite 1000
city Denver state Co zip 80202
Phone: (303) 893-0102
Comments:

Name: Brian Harris
Signature: *Brian Harris*
Title: Engineering Tech.
Date: 9/15/2004

NEW OPERATOR

Company: Newfield Production Company
Address: 1401 17th Street Suite 1000
city Denver state Co zip 80202
Phone: _____
Comments:

Name: Brian Harris
Signature: *Brian Harris*
Title: Engineering Tech.
Date: 9/15/2004

(This space for State use only)

Transfer approved by: *[Signature]*
Title: *Perk. Services Manager*

Approval Date: 9-20-04

Comments: Note: Indian Country wells will require EPA approval.

RECEIVED
SEP 20 2004

DIV. OF OIL, GAS & MINING

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH

2. CDW

3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

X Operator Name Change**Merger**

The operator of the well(s) listed below has changed, effective:

9/1/2004**FROM: (Old Operator):**

N5160-Inland Production Company

Route 3 Box 3630

Myton, UT 84052

Phone: 1-(435) 646-3721

TO: (New Operator):

N2695-Newfield Production Company

Route 3 Box 3630

Myton, UT 84052

Phone: 1-(435) 646-3721

CA No.**Unit:****LONE TREE (GREEN RIVER)****WELL(S)**

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
FED NGC 21-15	15	090S	170E	4301330614	12417	Federal	WI	A
NGC 24-15H FED	15	090S	170E	4301330681	12417	Federal	OW	P
FEDERAL 14-15H	15	090S	170E	4301331695	12417	Federal	WI	A
FEDERAL 13-15H	15	090S	170E	4301331698	12417	Federal	OW	P
S PLEASANT VALLEY 5-15-9-17	15	090S	170E	4301331886	12417	Federal	WI	A
S PLEASANT VALLEY 11-15-9-17	15	090S	170E	4301331991	12417	Federal	WI	A
S PLEASANT VALLEY 15-15-9-17	15	090S	170E	4301331992	12417	Federal	WI	A
S PLEASANT VALLEY FED 4-15-9-17	15	090S	170E	4301332018	12417	Federal	OW	P
S PLEASANT VALLEY FED 6-15-9-17	15	090S	170E	4301332019	12417	Federal	OW	P
S PLEASANT VALLEY FED 7-15-9-17	15	090S	170E	4301332020	12417	Federal	WI	A
S PLEASANT VALLEY FED 10-15-9-17	15	090S	170E	4301332022	12417	Federal	OW	P
STATE 16-2	16	090S	170E	4301330552	12417	State	OW	TA
K JORGENSEN ST 16-4	16	090S	170E	4301330572	12417	State	WI	A
LONE TREE 10-16-9-17	16	090S	170E	4301332087	12417	State	OW	P
LONE TREE 15-16-9-17	16	090S	170E	4301332089	12417	State	OW	P
LONE TREE 16-16-9-17	16	090S	170E	4301332150	12417	State	OW	P
S PLEASANT VALLEY FED 2-20	20	090S	170E	4301331737	12417	Federal	OW	P
S PLEASANT VALLEY FED 1-21	21	090S	170E	4301331563	12417	Federal	WI	A
S PLEASANT VALLEY FED 4-22	22	090S	170E	4301331522	12417	Federal	OW	P
S PLEASANT VALLEY FED 2-22-9-17	22	090S	170E	4301332023	12417	Federal	OW	P
S PLEASANT VALLEY FED 3-22-9-17	22	090S	170E	4301332024	12417	Federal	WI	A

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/15/20042. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/15/20043. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 2/23/20054. Is the new operator registered in the State of Utah: YES Business Number: 755627-01435. If **NO**, the operator was contacted on:

6a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
6b. Inspections of LA PA state/fee well sites complete on: waived

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA

8. **Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: na/

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 2/23/2005

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 2/28/2005
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 2/28/2005
3. Bond information entered in RBDMS on: 2/28/2005
4. Fee/State wells attached to bond in RBDMS on: 2/28/2005
5. Injection Projects to new operator in RBDMS on: 2/28/2005
6. Receipt of Acceptance of Drilling Procedures for APD/New on: waived

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: UT 0056

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: 61BSBDH2912

FEE & STATE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 61BSBDH2919
2. The **FORMER** operator has requested a release of liability from their bond on: n/a*
The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:

*Bond rider changed operator name from Inland Production Company to Newfield Production Company - received 2/23/05

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER:
UTU10760

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> Injection well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: LONE TREE UNIT
2. NAME OF OPERATOR: Newfield Production Company		7. UNIT or CA AGREEMENT NAME: LONE TREE UNIT
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Mvton STATE UT ZIP 84052		8. WELL NAME and NUMBER: FED NGC 21-15H
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 0660 FNL 1981 FWL		9. API NUMBER: 4301330614
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NE/NW, 15, T9S, R17E		10. FIELD AND POOL, OR WILDCAT: Monument Butte
		COUNTY: Duchesne
		STATE: Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF ACTION

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 03/17/2005	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - 5 Year MIT
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

A five year MIT was conducted on the subject well. On 3/14/05 Mr. Nathan Wiser w/EPA was notified of the intent to conduct a MIT on the casing. On 3/16/05 the casing was pressured to 1395 psi w/ no pressure loss charted in the 1/2 hour test. No governmental agencies were able to witness the test.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

NAME (PLEASE PRINT) Krishna Russell

TITLE Production Clerk

SIGNATURE

Krishna Russell

DATE March 17, 2005

(This space for State use only)

RECEIVED

MAR 18 2005

DIV. OF OIL, GAS & MINING

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program, UIC Direct Implementation Program 8P-W-GW
999 18th Street, Suite 500 Denver, CO 80202-2468

EPA Witness: _____ Date: 03 / 16 / 2005
Test conducted by: J.D. Harrison
Others present: _____

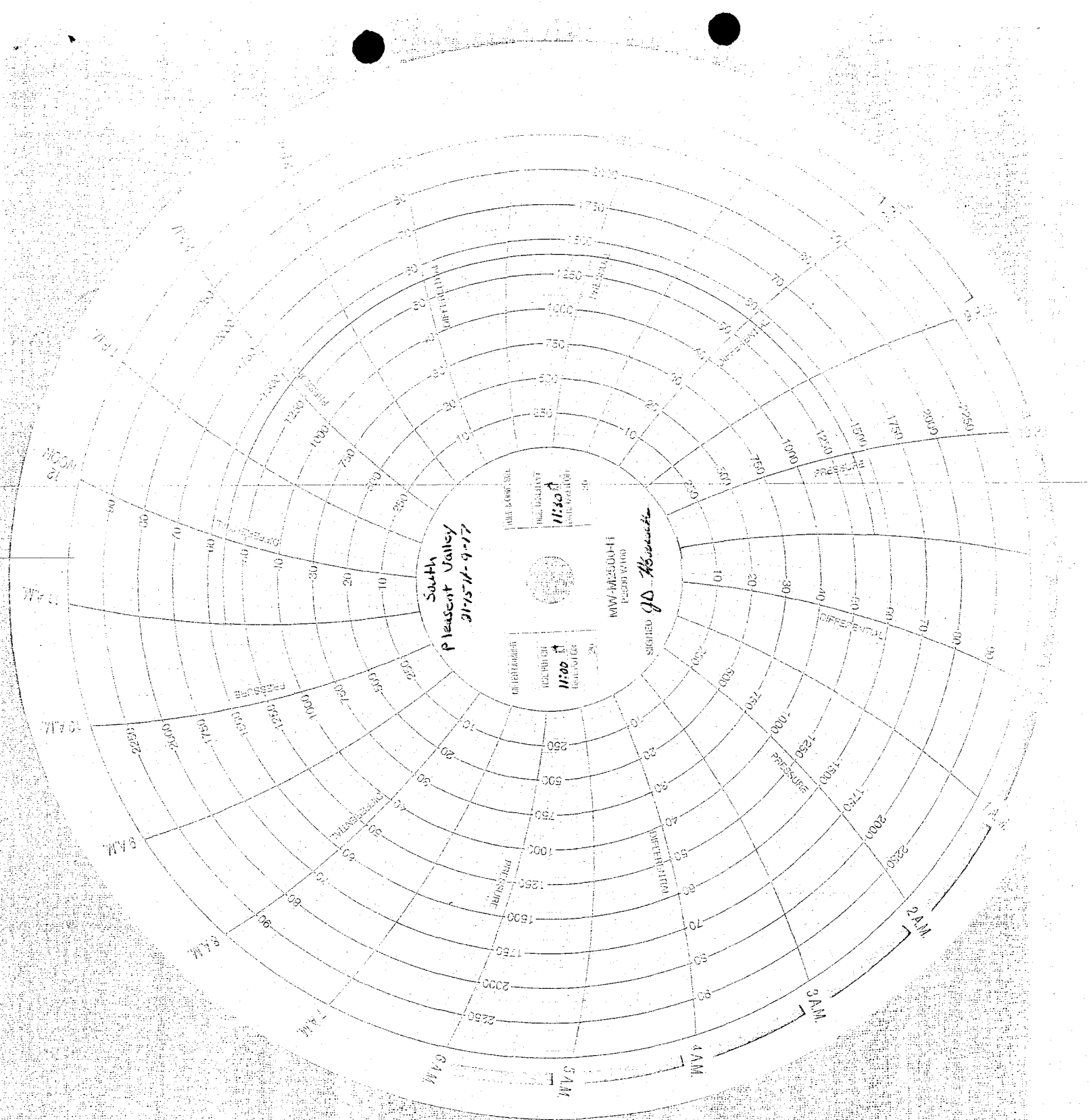
Well Name: <u>South Pleasant Valley 21-54-9-17</u>		Type: <u>ER SWD</u>	Status: <u>AC TA UC</u>
Field: <u>Lane Tree</u>			
Location: <u>N/E/W</u>	Sec: <u>13</u>	T <u>9</u>	N/S R <u>17</u> E/W County: <u>Duchesne</u> State: <u>UT</u>
Operator: <u>New Field Exploration</u>			
Last MIT: <u>1</u>	Maximum Allowable Pressure: <u>1130</u>		PSIG

Is this a regularly scheduled test? ☒ Yes ☐ No
 Initial test for permit? ☐ Yes ☒ No
 Test after well rework? ☐ Yes ☒ No
 Well injecting during test? ☒ Yes ☐ No If yes, rate: 34 bpd

Pre-test casing/tubing annulus pressure: 0 psig

MIT DATA TABLE		Test #1	Test #2	Test #3
TUBING PRESSURE				
Initial pressure	<u>1110</u> psig			
End of test pressure	<u>1110</u> psig			
CASING/TUBING ANNULUS PRESSURE				
0 minutes	<u>1395</u> psig			
5 minutes	<u>1395</u> psig			
10 minutes	<u>1395</u> psig			
15 minutes	<u>1395</u> psig			
20 minutes	<u>1395</u> psig			
25 minutes	<u>1395</u> psig			
30 minutes	<u>1395</u> psig			
_____ minutes				
_____ minutes				
RESULT	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test? ☐ Yes ☒ No



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELL
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

SUBMIT IN TRIPLICATE - Other Instructions on page 2

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630
Myton, UT 84052

3b. Phone (include area code)
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
660 FNL 1981 FWL
NENW Section 15 T9S R17E

5. Lease Serial No.

USA UTU-74805

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or
LONE TREE UNIT

8. Well Name and No.

FED NGC 21-15H

9. API Well No.

4301330614

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Step Rate Test _____
	<input type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	_____

13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

A step rate test was conducted on the subject well on September 1, 2009. Results from the test indicate that the fracture gradient is .829 psi/ft. Therefore, Newfield is requesting that the maximum allowable injection pressure (MAIP) be changed to 1505 psi.

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY**

I hereby certify that the foregoing is true and correct *Printed/ Typed*

Chevenne Bateman

Signature

Chevenne Bateman

Title

Well Analyst Foreman

Date

11/05/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by _____

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on page 2)

RECEIVED

NOV 16 2009

DIV. OF OIL, GAS & MINING

Step Rate Test (SRT) Analysis

Date: 11/05/2009

Operator:

Newfield Production Company

Well:

South Pleasant Valley 21-15H-9-17

Permit #:

UT20853-04513

Enter the following data :

Specific Gravity (sg) of injectate =	<u>1.015</u>	g/cc	
Depth to top perforation (D) =	<u>3874</u>	feet	3874
Top of permitted injection zone depth (blank=use top perforation to calculate fg) =		feet	
Estimated Formation Parting Pressure (Pfp) from SRT chart =	<u>1510</u>	psi	
Instantaneous Shut In Pressure (ISIP) from SRT =	<u>1554</u>	psi	1510
Bottom Hole Parting Pressure (Pbhp) from downhole pressure recorder =		psi	no downhole

Part One - Calculation of Fracture Gradient (fg)

Calculated Fracture Gradient = 0.829 psi/ft.

where: $fg = Pbhp / D$ (Note: this formula uses the downhole recorded bottom hole parting pressure if available) = 1554

D = depth used = 3874

Pbhp used = 3213

Calculated Bottom Hole Parting Pressure (Pbhp) = 3213 psi

3212.604

to calculate Bottom Hole Parting Pressure (Pbhp) = Formation Fracture Pressure (ISIP or Pfp) + (0.433 * SG * D)

(Uses lesser of ISIP or Pfp) Value used = 1510

Part Two - Calculation of Maximum Allowable Injection Pressure (MAIP)

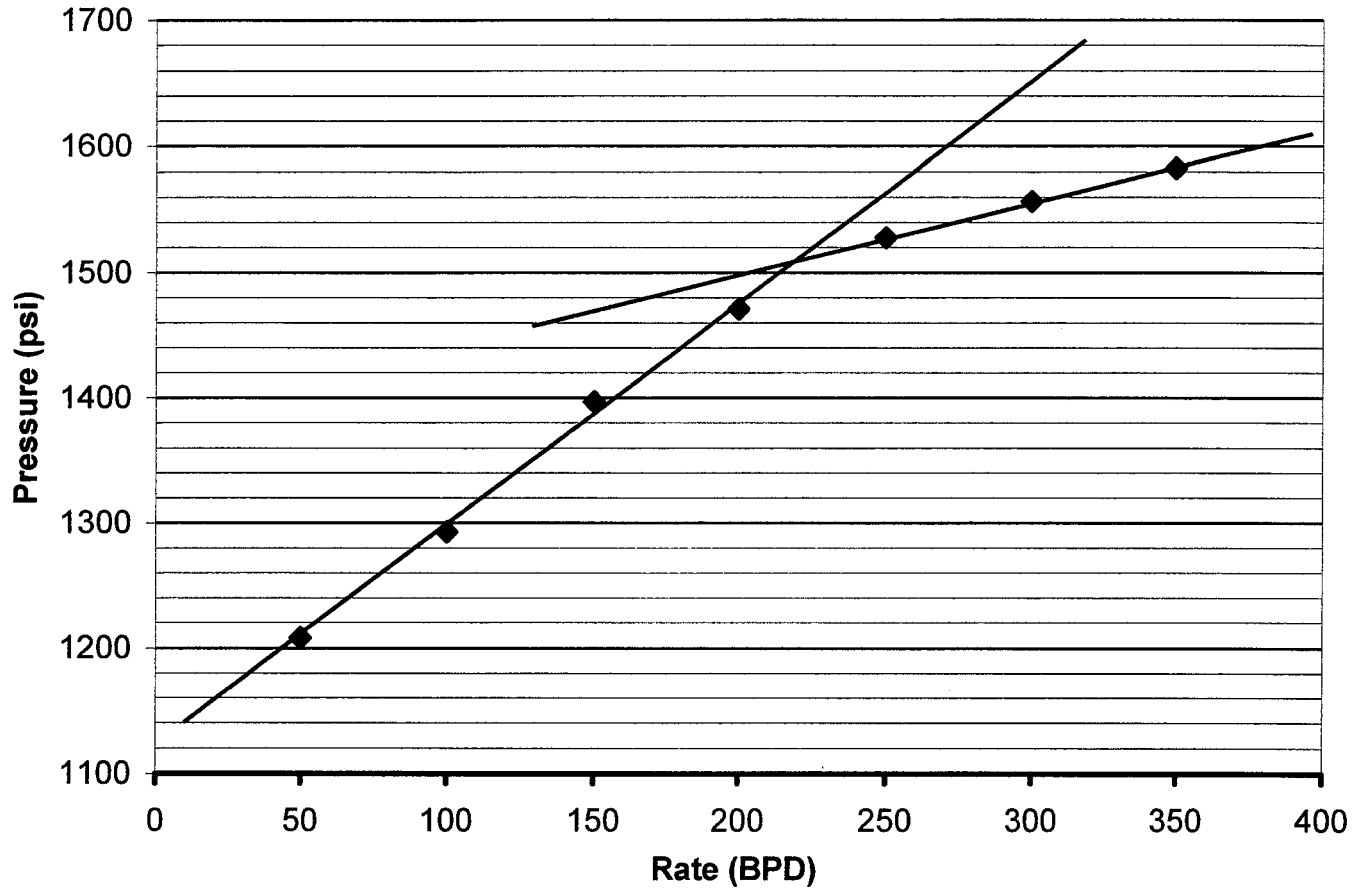
Maximum Allowable Injection Pressure (MAIP) = 1505 psig

D = depth used = 3874

MAIP = $fg \cdot (0.433 \cdot SG) \cdot D = 1508.942$

(rounded down to nearest 5 psig)

South Pleasant Valley 21-15H-9-17
Lone Tree Unit
Step Rate Test
September 1, 2009



Start Pressure: 1071 psi
Instantaneous Shut In Pressure (ISIP): 1554 psi
Top Perforation: 3874 feet
Fracture pressure (Pfp): 1510 psi
FG: 0.829 psi/ft

Step	Rate(bpd)	Pressure(psi)
1	50	1208
2	100	1293
3	150	1397
4	200	1471
5	250	1528
6	300	1557
7	350	1583

PSIA

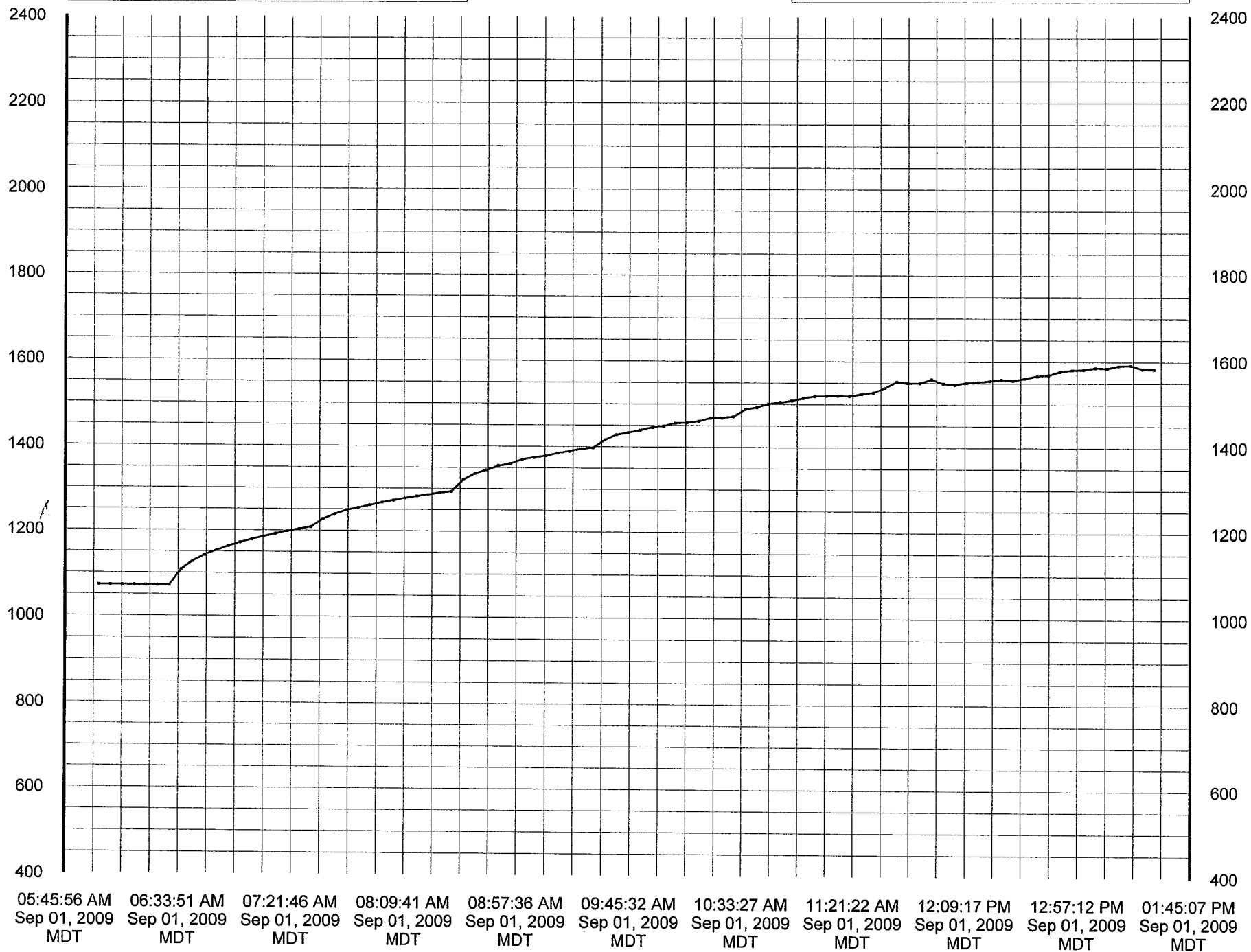
Absolute Pressure

—

Federal NGC 21-15H-9-17 SRT
(9-1-09)

Device - PrTemp1000
Serial Number - M75866
Device ID - PrTemp

PSIA



Report Name:	PrTemp1000 Data Table
Report Date:	Sep 02, 2009 08:03:29 AM MDT
File Name:	S:\Wellinfo\PTC@ Instruments 2.00\Federal NGC 21-15H-9-17 SRT (9-1-09).csv
Title:	Federal NGC 21-15H-9-17 SRT (9-1-09)
Device:	PrTemp1000 - Temperature and Pressure Recorder
Hardware Revision:	REV2C (64K)
Serial Number:	M75866
Device ID:	PrTemp
Data Start Date:	Sep 01, 2009 06:00:02 AM MDT
Data End Date:	Sep 01, 2009 01:30:01 PM MDT
Reading Rate:	2 Seconds
Readings:	1 to 91 of 91
Last Calibration Date:	May 22, 2009
Next Calibration Date:	May 22, 2010

<u>Reading</u>	<u>Date and Time (MDT)</u>	<u>Absolute Pressure</u>	<u>Annotation</u>
1	Sep 01, 2009 06:00:02 AM	1072.000	PSIA
2	Sep 01, 2009 06:05:01 AM	1072.000	PSIA
3	Sep 01, 2009 06:10:01 AM	1072.000	PSIA
4	Sep 01, 2009 06:15:01 AM	1072.000	PSIA
5	Sep 01, 2009 06:20:02 AM	1071.200	PSIA
6	Sep 01, 2009 06:25:01 AM	1071.400	PSIA
7	Sep 01, 2009 06:30:02 AM	1071.400	PSIA
8	Sep 01, 2009 06:35:01 AM	1107.200	PSIA
9	Sep 01, 2009 06:40:03 AM	1127.200	PSIA
10	Sep 01, 2009 06:45:01 AM	1141.400	PSIA
11	Sep 01, 2009 06:50:01 AM	1152.200	PSIA
12	Sep 01, 2009 06:55:02 AM	1162.800	PSIA
13	Sep 01, 2009 07:00:01 AM	1171.400	PSIA
14	Sep 01, 2009 07:05:02 AM	1178.600	PSIA
15	Sep 01, 2009 07:10:02 AM	1185.200	PSIA
16	Sep 01, 2009 07:15:02 AM	1192.200	PSIA
17	Sep 01, 2009 07:20:01 AM	1198.200	PSIA
18	Sep 01, 2009 07:25:02 AM	1203.000	PSIA
19	Sep 01, 2009 07:30:01 AM	1208.200	PSIA
20	Sep 01, 2009 07:35:02 AM	1227.600	PSIA
21	Sep 01, 2009 07:40:01 AM	1238.400	PSIA
22	Sep 01, 2009 07:45:01 AM	1248.400	PSIA
23	Sep 01, 2009 07:50:03 AM	1254.400	PSIA
24	Sep 01, 2009 07:55:02 AM	1260.800	PSIA
25	Sep 01, 2009 08:00:03 AM	1267.200	PSIA
26	Sep 01, 2009 08:05:01 AM	1272.000	PSIA
27	Sep 01, 2009 08:10:03 AM	1277.400	PSIA
28	Sep 01, 2009 08:15:01 AM	1282.000	PSIA
29	Sep 01, 2009 08:20:01 AM	1286.000	PSIA
30	Sep 01, 2009 08:25:01 AM	1290.600	PSIA
31	Sep 01, 2009 08:30:01 AM	1293.400	PSIA
32	Sep 01, 2009 08:35:03 AM	1321.200	PSIA
33	Sep 01, 2009 08:40:01 AM	1335.800	PSIA
34	Sep 01, 2009 08:45:03 AM	1344.000	PSIA
35	Sep 01, 2009 08:50:01 AM	1354.600	PSIA
36	Sep 01, 2009 08:55:03 AM	1359.200	PSIA
37	Sep 01, 2009 09:00:01 AM	1369.000	PSIA
38	Sep 01, 2009 09:05:04 AM	1374.000	PSIA
39	Sep 01, 2009 09:10:01 AM	1378.200	PSIA
40	Sep 01, 2009 09:15:01 AM	1384.400	PSIA
41	Sep 01, 2009 09:20:03 AM	1389.000	PSIA
42	Sep 01, 2009 09:25:01 AM	1394.600	PSIA
43	Sep 01, 2009 09:30:02 AM	1397.200	PSIA
44	Sep 01, 2009 09:35:01 AM	1415.800	PSIA
45	Sep 01, 2009 09:40:02 AM	1428.200	PSIA
46	Sep 01, 2009 09:45:01 AM	1432.800	PSIA
47	Sep 01, 2009 09:50:02 AM	1439.000	PSIA
48	Sep 01, 2009 09:55:14 AM	1445.600	PSIA
49	Sep 01, 2009 10:00:01 AM	1448.600	PSIA
50	Sep 01, 2009 10:05:02 AM	1455.200	PSIA
51	Sep 01, 2009 10:10:01 AM	1456.400	PSIA
52	Sep 01, 2009 10:15:02 AM	1460.200	PSIA
53	Sep 01, 2009 10:20:02 AM	1467.600	PSIA
54	Sep 01, 2009 10:25:02 AM	1467.800	PSIA
55	Sep 01, 2009 10:30:01 AM	1471.000	PSIA
56	Sep 01, 2009 10:35:01 AM	1487.600	PSIA
57	Sep 01, 2009 10:40:02 AM	1492.400	PSIA
58	Sep 01, 2009 10:45:01 AM	1501.000	PSIA
59	Sep 01, 2009 10:50:03 AM	1504.600	PSIA
60	Sep 01, 2009 10:55:01 AM	1508.200	PSIA

61	Sep 01, 2009 11:00:03 AM	1514.800	PSIA
62	Sep 01, 2009 11:05:01 AM	1519.000	PSIA
63	Sep 01, 2009 11:10:02 AM	1520.000	PSIA
64	Sep 01, 2009 11:15:01 AM	1520.600	PSIA
65	Sep 01, 2009 11:20:01 AM	1519.200	PSIA
66	Sep 01, 2009 11:25:02 AM	1524.200	PSIA
67	Sep 01, 2009 11:30:02 AM	1527.800	PSIA
68	Sep 01, 2009 11:35:02 AM	1538.600	PSIA
69	Sep 01, 2009 11:40:01 AM	1553.000	PSIA
70	Sep 01, 2009 11:45:02 AM	1550.000	PSIA
71	Sep 01, 2009 11:50:01 AM	1550.200	PSIA
72	Sep 01, 2009 11:55:02 AM	1558.600	PSIA
73	Sep 01, 2009 12:00:01 PM	1549.000	PSIA
74	Sep 01, 2009 12:05:01 PM	1546.800	PSIA
75	Sep 01, 2009 12:10:01 PM	1550.800	PSIA
76	Sep 01, 2009 12:15:01 PM	1552.800	PSIA
77	Sep 01, 2009 12:20:02 PM	1555.400	PSIA
78	Sep 01, 2009 12:25:01 PM	1558.600	PSIA
79	Sep 01, 2009 12:30:02 PM	1556.800	PSIA
80	Sep 01, 2009 12:35:01 PM	1561.800	PSIA
81	Sep 01, 2009 12:40:02 PM	1567.200	PSIA
82	Sep 01, 2009 12:45:02 PM	1569.000	PSIA
83	Sep 01, 2009 12:50:02 PM	1577.800	PSIA
84	Sep 01, 2009 12:55:02 PM	1581.000	PSIA
85	Sep 01, 2009 01:00:01 PM	1582.000	PSIA
86	Sep 01, 2009 01:05:02 PM	1586.400	PSIA
87	Sep 01, 2009 01:10:01 PM	1585.000	PSIA
88	Sep 01, 2009 01:15:03 PM	1591.000	PSIA
89	Sep 01, 2009 01:20:01 PM	1592.200	PSIA
90	Sep 01, 2009 01:25:03 PM	1583.800	PSIA
91	Sep 01, 2009 01:30:01 PM	1582.800	PSIA

PSIA

Absolute Pressure



Federal NGC 21-15H-9-17 ISIP
(9-1-09)

Device - PrTemp1000
Serial Number - M75866
Device ID - PrTemp

PSIA

2000
1900
1800
1700
1600
1500
1400
1300
1200
1100
1000

2000
1900
1800
1700
1600
1500
1400
1300
1200
1100
1000

01:28:00 PM 01:31:24 PM 01:34:48 PM 01:38:12 PM 01:41:36 PM 01:45:00 PM 01:48:24 PM 01:51:48 PM 01:55:12 PM 01:58:36 PM 02:02:00 PM
Sep 01, 2009 Sep 01, 2009 Sep 01, 2009 Sep 01, 2009 Sep 01, 2009 Sep 01, 2009 Sep 01, 2009 Sep 01, 2009 Sep 01, 2009 Sep 01, 2009 Sep 01, 2009
MDT MDT MDT MDT MDT MDT MDT MDT MDT MDT MDT

Report Name:	PrTemp1000 Data Table
Report Date:	Sep 02, 2009 08:03:20 AM MDT
File Name:	S:\Welinfo\PTC@ Instruments 2.00\Federal NGC 21-15H-9-17 ISIP (9-1-09).csv
Title:	Federal NGC 21-15H-9-17 ISIP (9-1-09)
Device:	PrTemp1000 - Temperature and Pressure Recorder
Hardware Revision:	REV2C (64K)
Serial Number:	M75866
Device ID:	PrTemp
Data Start Date:	Sep 01, 2009 01:30:12 PM MDT
Data End Date:	Sep 01, 2009 02:00:13 PM MDT
Reading Rate:	2 Seconds
Readings:	1 to 31 of 31
Last Calibration Date:	May 22, 2009
Next Calibration Date:	May 22, 2010

<u>Reading</u>	<u>Date and Time (MDT)</u>	<u>Absolute Pressure</u>	<u>Annotation</u>
1	Sep 01, 2009 01:30:12 PM	1583.600	PSIA
2	Sep 01, 2009 01:31:13 PM	1553.800	PSIA
3	Sep 01, 2009 01:32:12 PM	1543.600	PSIA
4	Sep 01, 2009 01:33:12 PM	1535.600	PSIA
5	Sep 01, 2009 01:34:13 PM	1529.600	PSIA
6	Sep 01, 2009 01:35:12 PM	1524.800	PSIA
7	Sep 01, 2009 01:36:13 PM	1520.200	PSIA
8	Sep 01, 2009 01:37:14 PM	1516.400	PSIA
9	Sep 01, 2009 01:38:13 PM	1513.200	PSIA
10	Sep 01, 2009 01:39:12 PM	1510.200	PSIA
11	Sep 01, 2009 01:40:13 PM	1506.800	PSIA
12	Sep 01, 2009 01:41:13 PM	1503.800	PSIA
13	Sep 01, 2009 01:42:12 PM	1501.200	PSIA
14	Sep 01, 2009 01:43:13 PM	1497.800	PSIA
15	Sep 01, 2009 01:44:14 PM	1495.800	PSIA
16	Sep 01, 2009 01:45:13 PM	1493.400	PSIA
17	Sep 01, 2009 01:46:13 PM	1490.800	PSIA
18	Sep 01, 2009 01:47:13 PM	1489.000	PSIA
19	Sep 01, 2009 01:48:12 PM	1486.200	PSIA
20	Sep 01, 2009 01:49:12 PM	1484.200	PSIA
21	Sep 01, 2009 01:50:14 PM	1481.800	PSIA
22	Sep 01, 2009 01:51:13 PM	1480.000	PSIA
23	Sep 01, 2009 01:52:13 PM	1478.000	PSIA
24	Sep 01, 2009 01:53:14 PM	1475.800	PSIA
25	Sep 01, 2009 01:54:14 PM	1474.000	PSIA
26	Sep 01, 2009 01:55:13 PM	1472.200	PSIA
27	Sep 01, 2009 01:56:14 PM	1470.200	PSIA
28	Sep 01, 2009 01:57:14 PM	1468.600	PSIA
29	Sep 01, 2009 01:58:13 PM	1466.800	PSIA
30	Sep 01, 2009 01:59:13 PM	1465.000	PSIA
31	Sep 01, 2009 02:00:13 PM	1463.400	PSIA

Federal NGC 21-15H-9-17 Rate Sheet (9-1-09)

<i>Step # 1</i>	Time:	6:35	6:40	6:45	6:50	6:55	7:00
	Rate:	50.6	50.6	50.6	50.6	50.5	50.5
	Time:	7:05	7:10	7:15	7:20	7:25	7:30
	Rate:	50.5	50.4	50.4	50.3	50.3	50.3
<i>Step # 2</i>	Time:	7:35	7:40	7:45	7:50	7:55	8:00
	Rate:	100.3	100.3	100.3	100.3	100.3	100.2
	Time:	8:05	8:10	8:15	8:20	8:25	8:30
	Rate:	100.2	100.2	100.1	100.1	100.1	100.1
<i>Step # 3</i>	Time:	8:35	8:40	8:45	8:50	8:55	9:00
	Rate:	150.4	150.4	150.4	150.3	150.3	150.3
	Time:	9:05	9:10	9:15	9:20	9:25	9:30
	Rate:	150.3	150.2	150.2	150.2	150.2	150.2
<i>Step # 4</i>	Time:	9:35	9:40	9:45	9:50	9:55	10:00
	Rate:	200.5	200.5	200.5	200.4	200.4	200.4
	Time:	10:05	10:10	10:15	10:20	10:25	10:30
	Rate:	200.4	200.4	200.3	200.3	200.2	200.2
<i>Step # 5</i>	Time:	10:35	10:40	10:45	10:50	10:55	11:00
	Rate:	250.6	250.6	250.5	250.5	250.5	250.5
	Time:	11:05	11:10	11:15	11:20	11:25	11:30
	Rate:	250.4	250.4	250.4	250.4	250.4	250.4
<i>Step # 6</i>	Time:	11:35	11:40	11:45	11:50	11:55	12:00
	Rate:	300.5	300.5	300.5	300.5	300.5	300.5
	Time:	12:05	12:10	12:15	12:20	12:25	12:30
	Rate:	300.5	300.4	300.4	300.4	300.3	300.3
<i>Step # 7</i>	Time:	12:35	12:40	12:45	12:50	12:55	1:00
	Rate:	350.4	350.4	350.4	350.4	350.4	350.3
	Time:	1:05	1:10	1:15	1:20	1:25	1:30
	Rate:	350.3	350.3	350.3	350.2	350.1	350.1

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NUMBER: USA UTU-74805
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		7. UNIT or CA AGREEMENT NAME: GMBU
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 660 FNL 1981 FWL		8. WELL NAME and NUMBER: FED NGC 21-15H
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NENW, 15, T9S, R17E		9. API NUMBER: 4301330614
		10. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE
		COUNTY: DUCHESNE
		STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 04/13/2010	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Five Year MIT
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

On 04-05-10 Nathan Wiser with the EPA was contacted concerning the 5 year MIT on the above listed well. Permission was given at that time to perform the test on 04-12-10. On 04-13-10 the casing was pressured up to 1570 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 404 psig during the test. There was not an EPA representative available to witness the test.

EPA# UT20853-04513 API# 43-013-30614

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY**

NAME (PLEASE PRINT) <u>Lucy Chavez-Naupoto</u>	TITLE <u>Administrative Assistant</u>
SIGNATURE 	DATE <u>04/14/2010</u>

(This space for State use only)

RECEIVED
APR 20 2010
DIV. OF OIL, GAS & MINING

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____ Date: 4 / 13 / 10
Test conducted by: Austin Harrison
Others present: _____

Well Name: <u>Federal NGC 21-156-9-17</u>		Type: <u>ER SWD</u>	Status: <u>AC TA UC</u>
Field: _____			
Location: _____	Sec: <u>15 T 9 N 10 R 17 E</u>	County: <u>Duchesne</u>	State: <u>UT</u>
Operator: <u>Newfield Production Co.</u>			
Last MIT: <u>1 / 1</u>	Maximum Allowable Pressure: <u>1280</u>		PSIG

Is this a regularly scheduled test? ☒ Yes ☐ No
Initial test for permit? ☐ Yes ☒ No
Test after well rework? ☐ Yes ☒ No
Well injecting during test? ☐ Yes ☒ No If Yes, rate: _____ bpd

Pre-test casing/tubing annulus pressure: 0 psig

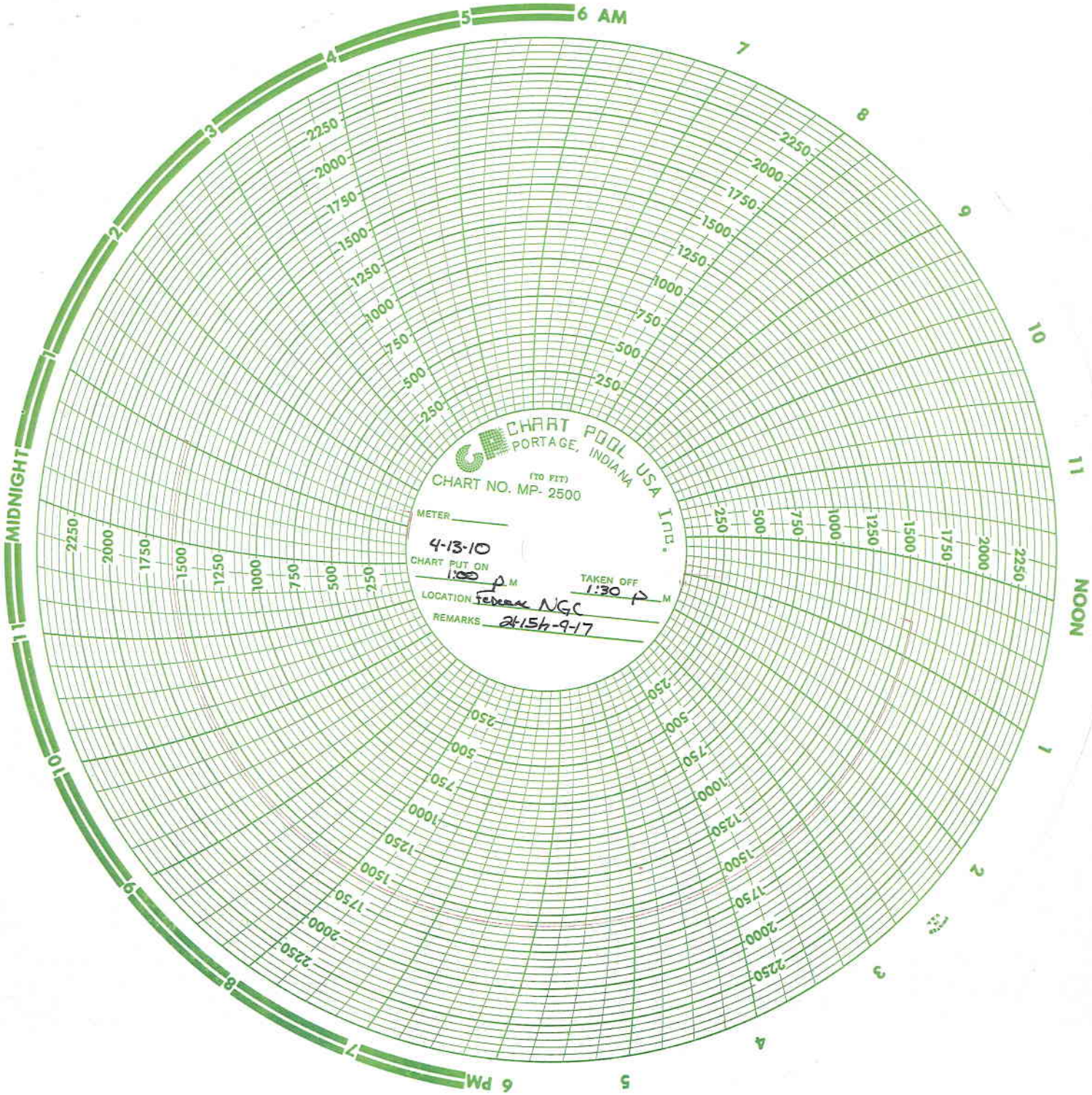
MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u>404</u> psig	psig	psig
End of test pressure	<u>404</u> psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	<u>1570</u> psig	psig	psig
5 minutes	<u>1570</u> psig	psig	psig
10 minutes	<u>1570</u> psig	psig	psig
15 minutes	<u>1570</u> psig	psig	psig
20 minutes	<u>1570</u> psig	psig	psig
25 minutes	<u>1570</u> psig	psig	psig
30 minutes	<u>1570</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test ? ☐ Yes ☒ No

MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: _____



STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-10760
1. TYPE OF WELL Water Injection Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052		8. WELL NAME and NUMBER: FED NGC 21-15
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0660 FNL 1981 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENW Section: 15 Township: 09.0S Range: 17.0E Meridian: S		9. API NUMBER: 43013306140000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 3/17/2015	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> CHANGE WELL NAME	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> CONVERT WELL TYPE	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input checked="" type="checkbox"/> OTHER	
	OTHER: <input style="width: 100px;" type="text" value="5 YR MIT"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. 5 YR MIT performed on the above listed well. On 03/17/2015 the casing was pressured up to 1033 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbq pressure was 1349 psig during the test. There was not an EPA representative available to witness the test. EPA #UT22197-04513		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY March 24, 2015		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 3/23/2015	

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____ Date: 3/17/15
Test conducted by: P. J. B. B. B.
Others present: _____

Well Name: <u>Federal NGC</u>	Type: ER SWD	Status: AC TA UC
Field: <u>Monument Butte</u>		
Location: <u>21</u>	Sec: <u>15#</u> T <u>9</u> N/S R <u>17</u> E/W	County: <u>Duchesne</u> State: <u>UT</u>
Operator: <u>P. J. B. B. B.</u>		
Last MIT: <u>1</u>	Maximum Allowable Pressure: <u>1412</u>	PSIG

Is this a regularly scheduled test? ☒ Yes ☐ No
Initial test for permit? ☐ Yes ☒ No
Test after well rework? ☐ Yes ☒ No
Well injecting during test? ☐ Yes ☒ No If Yes, rate: _____ bpd

Pre-test casing/tubing annulus pressure: 0/1353 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u>1353</u> psig	psig	psig
End of test pressure	<u>1349</u> psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	<u>1032</u> psig	psig	psig
5 minutes	<u>1034</u> psig	psig	psig
10 minutes	<u>1034</u> psig	psig	psig
15 minutes	<u>1034</u> psig	psig	psig
20 minutes	<u>1033</u> psig	psig	psig
25 minutes	<u>1033</u> psig	psig	psig
30 minutes	<u>1033</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test? ☐ Yes ☒ No

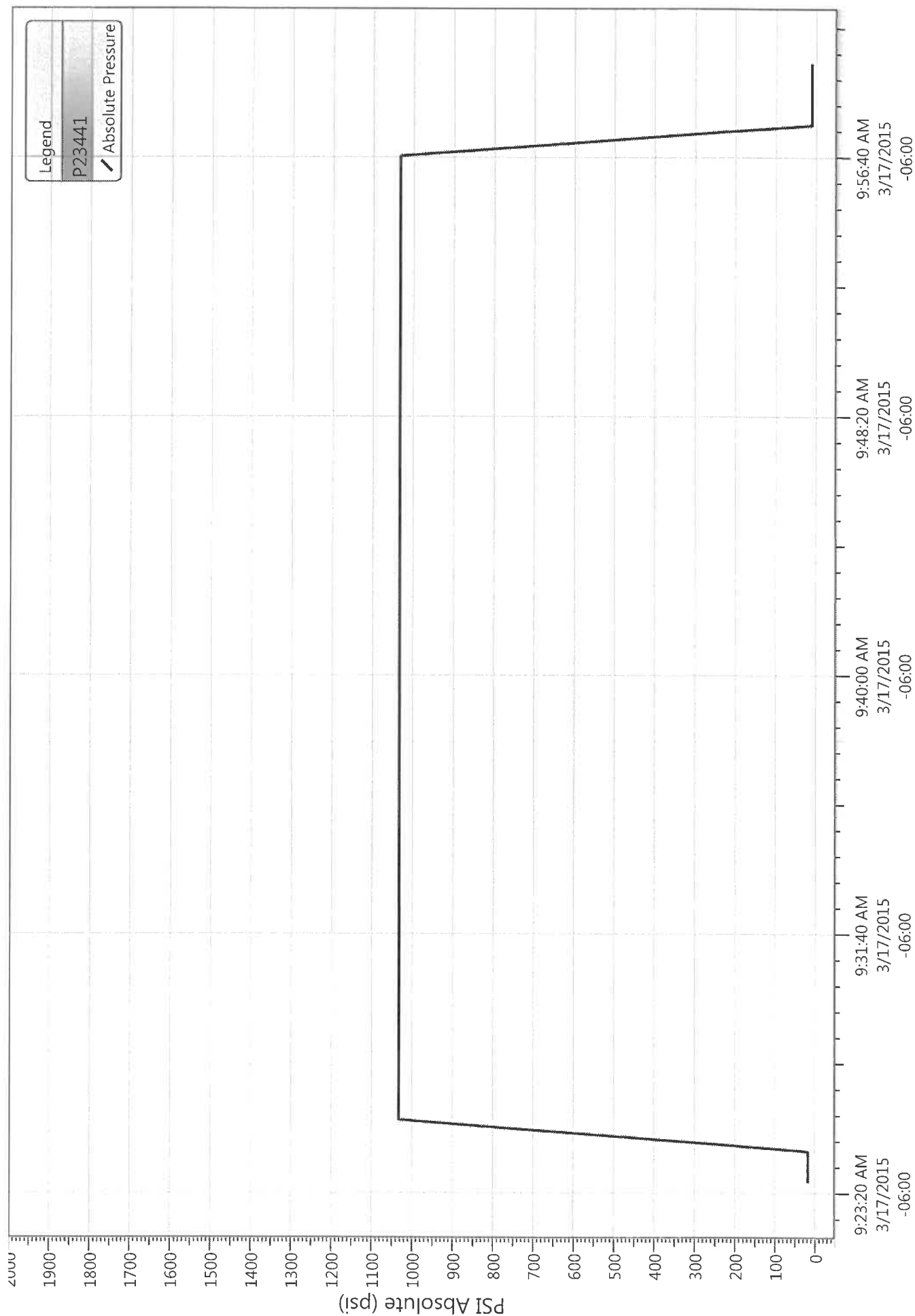
MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: _____

Federal NGC 21-15H 9-17 (5 year MIT 3/17/15)

3/17/2015 9:23:06 AM



Well Name: **NGC 21-15H-9-17**

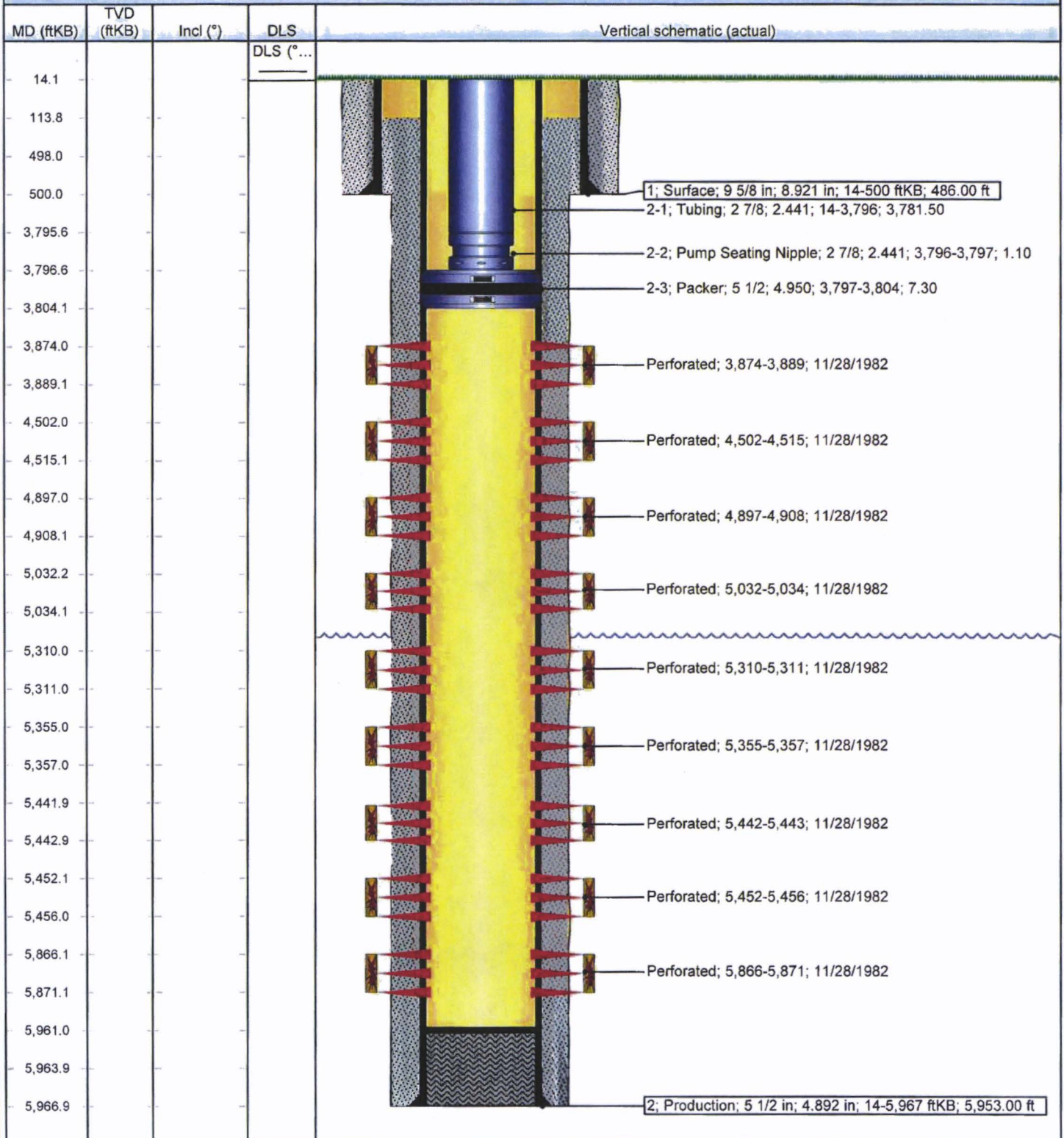
Surface Legal Location 15-9S-17E			API/UWI 43013306140000	Well RC 500151630	Lease	State/Province Utah	Field Name GMBU CTB8	County Duchesne
Spud Date	Rig Release Date	On Production Date 11/30/1982	Original KB Elevation (ft) 5,211	Ground Elevation (ft) 5,197	Total Depth All (TVD) (ftKB)		PBD (All) (ftKB) Original Hole - 5,961.0	

Most Recent Job

Job Category Testing	Primary Job Type	Secondary Job Type N/A	Job Start Date 3/17/2015	Job End Date 3/17/2015
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TD: **5,967.0**

Vertical - Original Hole, 7/9/2015 7:49:33 AM



NEWFIELD



Newfield Wellbore Diagram Data NGC 21-15H-9-17

Surface Legal Location 15-9S-17E			API/UWI 43013306140000		Lease
County Duchesne	State/Province Utah		Basin	Field Name GMBU CTB8	
Well Start Date 7/7/1982	Spud Date		Final Rig Release Date	On Production Date 11/30/1982	
Original KB Elevation (ft) 5,211	Ground Elevation (ft) 5,197	Total Depth (ftKB) 5,967.0	Total Depth All (TVD) (ftKB)	PBTD (All) (ftKB) Original Hole - 5,961.0	

Casing Strings

Csg Des	Run Date	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	Set Depth (ftKB)
Surface	7/7/1982	9 5/8	8.921	36.00	K-55	500
Production	7/20/1982	5 1/2	4.892	17.00	N-80	5,967

Cement

String: Surface, 500ftKB 7/7/1982

Cementing Company	Top Depth (ftKB) 14.0	Bottom Depth (ftKB) 500.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description Premium cmt pumped to surface	Fluid Type Lead	Amount (sacks) 140	Class Premium	Estimated Top (ftKB) 14.0

String: Production, 5,967ftKB 7/20/1982

Cementing Company	Top Depth (ftKB) 114.0	Bottom Depth (ftKB) 5,967.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description	Fluid Type Lead	Amount (sacks) 925	Class	Estimated Top (ftKB) 3,264.0

Tubing Strings

Tubing Description					Run Date		Set Depth (ftKB)	
Tubing					4/13/2010		3,804.0	
Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)
Tubing	117	2 7/8	2.441	6.50	J-55	3,781.50	14.1	3,795.6
Pump Seating Nipple	1	2 7/8	2.441			1.10	3,795.6	3,796.7
Packer	1	5 1/2	4.950			7.30	3,796.7	3,804.0

Rod Strings

Rod Description		Run Date			Set Depth (ftKB)		
Item Des	Jts	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)

Perforation Intervals

Stage#	Zone	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Phasing (")	Nom Hole Dia (in)	Date
0	N/A, Original Hole	3,874	3,889	4			11/28/1982
0	N/A, Original Hole	4,502	4,515	4			11/28/1982
0	N/A, Original Hole	4,897	4,908	2			11/28/1982
0	N/A, Original Hole	5,032	5,034	2			11/28/1982
0	N/A, Original Hole	5,310	5,311	2			11/28/1982
0	N/A, Original Hole	5,355	5,357	2			11/28/1982
0	N/A, Original Hole	5,442	5,443	2			11/28/1982
0	N/A, Original Hole	5,452	5,456	2			11/28/1982
0	N/A, Original Hole	5,866	5,871	2			11/28/1982

Stimulations & Treatments

Stage#	ISIP (psi)	Frac Gradient (psi/ft)	Max Rate (bbl/min)	Max PSI (psi)	Total Clean Vol (bbl)	Total Slurry Vol (bbl)	Vol Recov (bbl)
0	1,720	0.753	25.1	1,685			
0	1,720	0.753	25.1	1,685			
0	1,720	0.753	25.1	1,685			
0	1,720	0.753	25.1	1,685			
0	1,720	0.753	25.1	1,685			
0	1,720	0.753	25.1	1,685			
0	1,720	0.753	25.1	1,685			
0	1,720	0.753	25.1	1,685			
0	1,720	0.753	25.1	1,685			
0	1,720	0.753	25.1	1,685			
0	1,720	0.753	25.1	1,685			
0	1,720	0.753	25.1	1,685			
0	1,720	0.753	25.1	1,685			
0	1,720	0.753	25.1	1,685			
0	1,720	0.753	25.1	1,685			
0	1,720	0.753	25.1	1,685			
0	1,720	0.753	25.1	1,685			

**Stimulations & Treatments**

Stage#	ISIP (psi)	Frac Gradient (psi/ft)	Max Rate (bbl/min)	Max PSI (psi)	Total Clean Vol (bbl)	Total Slurry Vol (bbl)	Vol Recov (bbl)
0	1,720	0.753	25.1	1,685			

Proppant

Stage#	Total Prop Vol Pumped (lb)	Total Add Amount
0		Proppant White Sand 350000 lb
0		Proppant White Sand 350000 lb
0		Proppant White Sand 350000 lb
0		Proppant White Sand 350000 lb
0		Proppant White Sand 350000 lb
0		Proppant White Sand 350000 lb
0		Proppant White Sand 350000 lb
0		Proppant White Sand 350000 lb
0		Proppant White Sand 350000 lb
0		Proppant White Sand 350000 lb
0		Proppant White Sand 0; Proppant White Sand 344000 lb
0		Proppant White Sand 0; Proppant White Sand 344000 lb
0		Proppant White Sand 0; Proppant White Sand 344000 lb
0		Proppant White Sand 0; Proppant White Sand 344000 lb
0		Proppant White Sand 0; Proppant White Sand 344000 lb
0		Proppant White Sand 0; Proppant White Sand 344000 lb
0		Proppant White Sand 0; Proppant White Sand 344000 lb
0		Proppant White Sand 0; Proppant White Sand 344000 lb
0		Proppant White Sand 0; Proppant White Sand 344000 lb